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CONSTRUCTION REVIEW

- *Expenditures*
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OUTLOOK FOR CONSTRUCTION IN 1961

U.S. DEPARTMENT OF COMMERCE
Business and Defense Services Administration

U.S. DEPARTMENT OF COMMERCE

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CONSTRUCTION REVIEW

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(The above series include data for Alaska and Hawaii unless otherwise noted.)

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CONSTRUCTION . . . *At a Glance*

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Value put in place: *(In billions of dollars)* Total new construction	54.7	55.2	55.0	October 1960 *Seasonally adjusted annual rate*
Private construction	39.8	38.8	38.3	October 1960 *Seasonally adjusted annual rate*
Public construction	14.9	16.4	16.7	October 1960 *Seasonally adjusted annual rate*
Private housing starts *(Thousands of units)*	1,509	1,295	1,077	September 1960 *Seasonally adjusted annual rate*
Number of FHA applications, new private nonfarm dwelling units *(In thousands)*	29.3	27.5	23.4	September 1960
Contract awards: *(In millions of dollars)* Total public contract awards	927	1,133	1,049	August 1960
Highways contract awards	294	494	425	August 1960
F. W. Dodge Corp. index of contract awards *(1947-49 = 100)*	261	276	271	September 1960 *Seasonally adjusted*
Department of Commerce composite cost index *(1947-49 = 100)*	142	143	143	August 1960
Composite materials output index *(1947-49 = 100)*	141.5	136.3	131.1	July 1960 *Seasonally adjusted*
Wholesale price index, all construction materials *(1947-49 = 100)*	135.0	131.4	131.3	September 1960
Contract construction employment: Number of employees *(In thousands)*	2,776	2,822	2,789	September 1960 *Seasonally adjusted*
Average hourly earnings	3.13	3.27	3.28	August 1960
Average weekly hours	38.3	37.8	37.8	July 1960

THE ECONOMY . . . *At a Glance*

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Gross national product *(In billions of dollars)*	487.9	501.3	505.0	Second quarter 1960 *Seasonally adjusted annual rate*
Personal saving *(In billions of dollars)*	24.8	23.7	25.2	Second quarter 1960 *Seasonally adjusted annual rate*
Government purchases of goods and services *(In billions of dollars)*	97.7	97.5	98.6	Second quarter 1960 *Seasonally adjusted annual rate*
Corporate profits after taxes *(In billions of dollars)*	23.5	22.7	25.0	First quarter 1960 *Seasonally adjusted annual rate*
New plant and equipment expenditures *(In billions of dollars)*	33.6	36.9	36.9	Fourth quarter 1960 *(anticipated)* *Seasonally adjusted annual rate*
Retail sales *(In billions of dollars)*	18.3	18.1	18.5	October 1960 *(advance estimate)* *Seasonally adjusted annual rate*
Consumer credit outstanding *(In billions of dollars)*	49.4	53.9	54.1	September 1960 *Seasonally adjusted annual rate*
Manufacturing inventories *(In billions of dollars)*	51.9	55.0	54.8	September 1960 *Seasonally adjusted annual rate*
Manufacturers' unfilled orders *(In billions of dollars)*	51.1	47.5	47.6	September 1960 *End of the month, unadjusted*
Industrial production index *(1957 = 100)*	103	108	107	September 1960 *Seasonally adjusted*
Wholesale industrial prices index *(1947-49 = 100)*	128.4	128.2	128.0	September 1960
Nonagricultural employment *(In millions)*	60.7	61.2	61.2	October 1960
Unemployment *(As a percent of the civilian labor force)*	6.0	5.7	6.4	October 1960 *Seasonally adjusted*
Average weekly hours worked in manufacturing industries	40.3	39.5	39.6	October 1960

Construction Comments

RECENT TRENDS IN OUTPUT OF CONSTRUCTION MATERIALS

Output of construction materials, seasonally adjusted, fell off somewhat in July from June 1960, while decreasing housing starts and contract awards led to a small decline in total construction activity. July 1960 output was down 7 percent from the July 1959 total. Starting with the January 1959 level, seasonally adjusted production increased 25 percent by June 1959, decreased to below the January 1959 figure by October 1959, and then rose erratically to 5-10 percent above January 1959 during the first half of 1960.

Although construction activity roughly paralleled materials output trends in direction, the production movements were more extreme, reflecting tendencies of producers to build up inventories when construction is increasing and to reduce them when anticipating a downtrend. The spread is further influenced by erratic month-to-month changes attributable to both random factors and changing estimates of construction activity in later months.

The cyclical swings of construction activity and materials output are probably even more disparite than the statistics indicate because less volatile shipments data have had to be used for several items in the absence of production figures.

For January-July 1960, the 7 months for which data are available on all measured items, the total output of construction materials was 5 percent below that of the comparable period of 1959, a little more than the 3-percent decline recorded for the physical volume of total construction activity, indicating the relationship between the two series and the greater depth of the materials decline.

The 1959-60 shifts in output of the different types of construction materials varied widely. Although the categories are not always precisely comparable and nonconstruction uses of these products exert some influence, differences in output changes in the various construction materials largely reflect the changes in the various categories of construction.

The largest production declines in the first 7 months of 1960 from the comparable 1959 period occurred in two materials largely used in residential construction: millwork, 22 percent, and heating and plumbing equipment, 14 percent. The rates of decline varied little among the principal groupings in these two categories. The separate but related category of plumbing fixtures, however, fell only 4 percent, apparently being sustained by large maintenance and repair demands. Shipments of asphalt and tar roofing and siding products, also closely tied in with residential construction, dropped 10 percent.

Portland cement production was down 7 percent in the 7-month period, substantial declines in private residential and most areas of public construction more than offsetting increases in private nonresidential building. The unusually late spring in 1960 in many areas of the country also contributed to a slower rate in concrete work of many types, including maintenance and repair, in the first half of 1960 as compared with 1959.

January-July shipments of iron and steel building products declined 8 percent from 1959 to 1960, and production apparently decreased even more. The sharpness of these declines was attributable largely to a considerable inventory buildup by fabricators, contractors, and warehousemen in the first half of 1959 in anticipation of the steel strike in July, and a net liquidation of stocks in the first half of 1960. Thus the unusually high output in the first half of 1959 was able to meet some of the steel needs for 1960 construction. The readiness with which steel producers were able to fill orders after the settlement of the strike late in 1959 has apparently led to the maintenance of smaller inventories by both producers and consumers of steel products.

The declines in steel shipments were largest in line pipe, reinforcing bars, rigid steel conduit, and nails—all down about one-fifth. Smaller declines were registered for cast iron soil and pressure pipe. Only minor changes occurred in the shipments of galvanized sheets, rails, and fabricated structural steel.

January-July declines of less than 2 percent were made by lumber and wood products, clay construction products, and paint, varnish, and lacquer. In the lumber and woods products category, hardwood flooring and insulating boards, largely tied in with residential construction, declined about 5 percent, but softwood lumber held at the 1959 level and Douglas fir plywood and hardboard rose about 7 percent, probably because of their relatively large nonconstruction and maintenance and repair uses. For similar reasons, declines in paint, varnish, and lacquer were only slight.

Outlook for 1961

SUMMARY

Outlays for new construction are expected to rise 4 percent to a record $57.3 billion in 1961, surpassing the 1959 peak of $56.2 billion. The 1960 figure may reach $55.1 billion. If anticipated outlays eventuate, 1961 will be the second highest year in the physical volume of work put in place (expenditures adjusted for price changes) 2 percent below 1959, a year marked by strong influences carried over from antirecession measures of 1958.

Although public construction is expected to increase greater relatively (5 percent) than private construction (3 percent) in 1961, almost two-thirds of the $2.2-billion rise in total outlays are expected to be accounted for by the private sector. With a few exceptions, in the commercial and public utility and sewer categories, almost every type of public and private type of construction is expected to either equal or exceed 1960 levels. Outlays in 1960 are generally very close to the 1959 record levels for public and private categories.

Private construction in 1961 should pass the $40-billion mark for the first time despite the fact that its most important sector—new dwelling units, where 1.3 million starts are expected—will account for 8 percent lower expenditures than the almost $25-billion peak of 1959. Public outlays, exceeding the $17 billion mark for the first time, will reflect a sustained upward movement of educational construction reaching the $3-billion level, a volume exceeding expectations despite the growing shortages of classrooms.

The outlook for new construction in 1961 is based on the assumption that the Nation's total output of goods and services will remain at about 1960 levels. It is further assumed that, while the nation's economic pace in 1961 will not push most construction categories significantly, the public area will benefit from higher spending by State and local governments, as well as by the Federal Government. Construction costs may rise somewhat less than in 1960.

Pressures for credit usually associated with a general expansion of business activity and a strong housing market will probably not be as great in 1961 as in 1959 and 1960. Thus, it seems that residential mortgage funds, as well as other investment funds to finance other construction facilities, will be in ample supply to support the anticipated levels.

PRIVATE AND PUBLIC HOUSING STARTS

Approximately 1,350,000 private (farm and nonfarm) and public new housing units will be started in 1961, compared to about 1,300,000 in 1960. Included in the 1961 figure are about 50,000 publicly-owned units, 10 percent more than in 1960. It is assumed that new farm housing construction will remain stable. The outlook for privately-owned housing starts in 1961 of 1,300,000 assumes a strong recovery in the second half of 1961 which will bring seasonally adjusted rates beyond those suggested by the approximate total 50,000-unit increase in 1961.

By the end of the third quarter of 1960, the new housing market had not responded to the easing of the mortgage credit situation. Indications are, however, that the downturn which brought seasonally adjusted rates for nonfarm housing from 1.6 million units in early 1959 to 1.1 million units in September 1960 has bottomed out.

Rising vacancy rates, relatively high interest rates, and rising construction costs are among the key factors adversely affecting the housing supply-demand situation. On the other hand, the low downpayment requirements and the trend towards a lengthened period for mortgage amortization continue to be favorable influences. The continuing shift of population to the suburbs, the strong demand for apartments, the high level of savings, and the large volume of mortgage repayments to institutions which find it difficult to shift easily to other forms of investments support the expectation that housing starts will exceed the low levels of 1960. Nevertheless, at present home value levels, prospects for an abrupt return to peak levels are uncertain in the face of a lesser demand than in the earlier years of the post-World War II period.

PRIVATE CONSTRUCTION EXPENDITURES

Expenditures for private residential buildings (nonfarm) in 1961 are expected to amount to $22.6 billion of the $40 billion foreseen for all private construction. The 3-percent advance, although small, represents the continuation of a substantial upward trend for nonhousekeeping construction and a smaller rise for additions and alterations, and marks a partial recovery from the $3-billion drop from $19.2 to $16.3 billion in new dwelling units expenditures between 1959 and 1960. The sustained trend of apartment house construction, al-

though helping to maintain the overall level of housing starts, results in a less than proportionate increase in total expenditures because of the lower unit costs involved. In nonhousekeeping outlays, the anticipated attainment of a $1-billion level, the ninth year of steady gain, represents a doubling of the 1957 volume of $500 million. The expected 11-percent gain between 1960 and 1961 follows a 17-percent rise in 1960. New motel construction continues to be the chief force in this category. In addition, private construction of college dormitories and some new large hotels lend strength to the nonhousekeeping category.

While residential construction sagged in 1960, the nonresidential building category soared by $1.2 billion to record levels, exceeding $10 billion. The 14-percent gain was mainly accounted for by a spectacular rise in industrial construction, for which an $800-million advance (38 percent) is indicated. The prospect for total nonresidential building construction outlays in 1961 is that of a 5 percent increase. With the exception of stores, restaurants, and garages, the 1960 upturns are expected to continue in every category.

Somewhat uneven movements among the components of the gross national product, indications of a reduction in business profits, and continued emphasis on modernization rather than increase of capacity will probably slow down the sharp upswing of recent years in new industrial building. Although research and development still provides a strong source of demand for new structures, industrial construction appears to be in line for only a 7 percent gain in 1961. Much of this rise is a carryover of activity from incomplete projects begun in 1960. The anticipated $3.1 billion level for 1961 equals the outlays in 1956, which were surpassed only by the 1957 high of $3.6 billion.

Commercial construction in 1960, while falling somewhat short of previous expectations, rose 3 percent and is expected to rise another 2 percent in 1961. In both 1959 and 1960, the two components of this category—office buildings and warehouses, and stores, restaurants, garages—have accounted for almost equal volumes of spending. In 1961, construction of office buildings and warehouses is expected to increase 10 percent as the office building boom makes itself strongly felt. The stores, restaurants, and garages group, which barely exceeded its 1959 level in 1960, is expected to decline by about 5 percent. In office buildings, the drive for modern conveniences and for prestige associated with new ultramodern office buildings (centered mainly in New York City, but spreading throughout the country) is resulting in some building ventures that appear to be somewhat speculative in nature. In the stores category, the shopping center building program appears to be more conservatively inspired, the large retail chains increasingly providing the leadership for activity in this field. A slowdown in residential construction tends to inhibit, although belatedly, light commercial construction.

The construction of other residential buildings in the private sector has contributed strongly to keeping 1960 expenditures close to 1959 peak levels. The net 11 percent gain in 1960 for the five categories involved reflects only a minor gain for hospital outlays (barely 1 percent) but involves substantial 10, 12 and 23 percent upward movements over 1959 in the religious, educational, as well as the social and recreational categories, respectively.

Outlays in the religious category, reaching the $1-billion level for the first time in 1960 will likely taper off the rate of gain in this category, which will increase in 1961 only 3 percent. Similarly, in the social and recreational category, the 4-percent rise foreseen reflects a strong carryover of work from projects already underway at the beginning of 1961 but implies probable declines in new starts due to the present lower levels of homebuilding.

Private educational construction has recovered from its 1959 drop and in 1961 will undoubtedly continue the 1960 gain. Both new college facilities and private elementary school buildings are involved in the optimistic picture for this group.

In the hospital category, the somewhat delayed effect of increased levels of Hill-Burton Federal aid funds now promises a sizeable spurt in 1961 spending as a forerunner of further gains in succeeding years.

Despite the general trend towards fewer farms, the farm income situation points to the maintenance of 1960 levels of expenditures for both new farm residential and service buildings.

Public utility construction outlays, strongly related to the long-term demands of the economy, seem destined to pass the $5-billion mark in 1960 and promise to gain even further in 1961. However, the various types of construction involved show mixed patterns. Railroad outlays should continue between the $250 and $300 million range of the last few years. Telephone and telegraph construction expenditures in 1960 appeared to be approaching a record high of $1.1 billion, barely exceeding the almost identical 1956 and 1957 levels. However, 1961 promises a slight cutback in present programs. Because of the currently adequate power supply, electric light and power construction has stabilized at slightly above $2 billion. In sharp contrast is the situation in gas industry construction. The modest 1960 gain of 6 percent actually represented a sharp cut-back in previous expansion plans, but during 1959 more miles of new proposed pipelines for the transmission of gas was approved by the Federal Power Commission than in any previous year. It is expected, therefore, that 1961 construction expenditures for gas will achieve the $2 billion mark, $300 million over 1960. The anticipated gain is exceeded in the

Table 1.—New Construction Put in Place in the United States 1959, 1960 and Outlook for 1961

Type of construction	Value (*in millions*)			Percent change	
	1959[1]	1960[2]	1961[3]	1959-60	1960-61
TOTAL NEW CONSTRUCTION	**$56,233**	**$55,100**	**$57,300**	**-2**	**+4**
PRIVATE CONSTRUCTION	**39,892**	**38,900**	**40,250**	**-2**	**+3**
Residential buildings (nonfarm)	24,469	21,950	22,600	-10	+3
New dwelling units	19,233	16,300	16,750	-15	+3
Additions and alterations	4,468	4,750	4,850	+6	+2
Nonhousekeeping	768	900	1,000	+17	+11
Nonresidential buildings (nonfarm)	8,859	10,075	10,550	+14	+5
Industrial	2,106	2,900	3,100	+38	+7
Commercial	3,930	4,050	4,150	+3	+2
Office buildings and warehouses	1,954	2,050	2,250	+5	+10
Stores, restaurants and garages	1,976	2,000	1,900	+1	-5
Other nonresidential buildings	2,823	3,125	3,300	+11	+6
Religious	947	1,045	1,075	+10	+3
Educational	525	590	650	+12	+10
Hospital and institutional	570	575	625	+1	+9
Social and recreational	550	675	700	+23	+4
Miscellaneous	231	240	250	+4	+4
Farm construction	[4]1,362	[4]1,300	1,300	-5	0
Public utilities	4,995	5,275	5,500	+6	+4
Railroad	251	300	275	+20	-8
Telephone and telegraph	952	1,100	1,050	+16	-5
Electric light and power	2,072	2,050	2,050	-1	0
Gas	[5]1,600	[5]1,700	2,000	+6	+18
Other public utilities	120	125	125	+4	0
All other private	207	300	300	+45	0
PUBLIC CONSTRUCTION	**16,341**	**16,200**	**17,050**	**-1**	**+5**
Residential buildings	962	725	775	-25	+7
Nonresidential buildings	4,514	4,800	5,175	+6	+8
Industrial	368	400	400	+9	0
Educational	2,656	2,875	3,100	+8	+8
Hospital and institutional	428	400	425	-7	+6
Administrative and service	568	615	700	+8	+14
Other nonresidential buildings	494	510	550	+3	+8
Military facilities	1,488	1,325	1,325	-11	0
Highways	6,000	[5]5,700	[5]6,000	-5	+5
Sewer and water systems	1,467	1,500	1,525	+2	+2
Sewer	906	890	835	-2	-6
Water	561	610	690	+9	+13
Public service enterprises	551	650	650	+18	0
Conservation and development	1,130	1,275	1,350	+13	+6
All other public	229	225	250	-2	+11

[1] Bureau of the Census Statistics except where otherwise indicated. [2] Bureau of the Census Statistics, Jan.-Oct.; BDSA estimates, Nov.-Dec. [3] BDSA estimates. [4] Based on data to be shown in a forthcoming Bureau of the Census release. They will present corrected statistics for farm construction. [5] BDSA estimates, based on the most recent available preliminary information. These differ from already published Bureau of the Census statistics, which are derived from earlier information. The Bureau of the Census will revise their statistics in 1961 in accordance with final data.

private sector only by the $450 million rise expected for new dwelling units, and matches the gain foreseen for highway expenditures.

PUBLIC CONSTRUCTION

The steady annual rises in recent years in public construction expenditures appears to have been halted in 1960, although a closing strong finish in a number of categories should bring the total to $16.2 billion, $150 million below 1959. The outlook for 1961 is for a $850 million, or a 5 percent gain. The outlays for both 1960 and 1961 represent some significant developments: First, the sharp falling off of spending for residential construction from the 1959 billion dollar peak; second, the sustained gains almost certain to continue in educational construction; and third, the resumption of gains for highway construction in 1961, which decreased in 1960.

Highway construction promises to increase $300 million over 1960, matching the $6 billion record total of 1959. The drop in 1960 construction follows the $400 million advance in 1959 which was related to antirecession moves in 1959, when a step-up of spending resulted from the Federal Aid Highway Act of 1958. Prospects in 1961 are

strongly influenced by the fact that less funds need to be allocated for right-of-way purposes, thereby making more funds available for construction.

Public educational building outlays in 1960 are rising by almost $225 million to approximate the 1958 peak level of $2,875 million. A similar movement is expected in 1960, bringing expenditures to over the $3 billion mark for the first time. The present favorable situation for the financing of public educational facilities by State and local governments follows mounting voter approval of bond issues, a reversal of community attitudes of some years ago. Shifts in the population to suburban areas have created acute shortages of classroom space. It is in these areas that the construction pace is steadily mounting.

Public housing starts in 1961 are expected to number about 50,000, compared to 45,000 units in 1960. Expenditures, however, which spurted almost to the billion dollar mark in 1959 dropped off by 25 percent in 1960, a greater drop than in any other construction category, despite the fact that starts for 1960 may exceed 1959 by about one-fifth. This disparity between annual expenditures and starts is due to an extremely low level of starts in the first half of the year. The Capehart (military) housing program which was at its height in 1958, when 35,000 starts were made, dropped to 15,000 units in 1959, and the 1960 starts are heading for a 10,000 total. The downward trend will continue to affect public housing outlays adversely because a further reduction in new Capehart units is foreseen in 1961. The Federally-aided public housing program will show new strength because late 1960 activity will result in a large carryover of work into 1961. It is expected that the New York City Housing Authority program and Public Housing Administration sponsored starts in 1961 will amount to 40,000 units, in contrast with about 32,000 units in 1960.

Military facilities expenditures in 1961 will continue to be influenced by increasing requirements of the heavy ballistics missiles program. This increase will be offset by some decline in the regular military building programs. As a result, total expenditures will probably approximate 1960 levels.

Other construction categories for which substantial Federal funds are appropriated will show increases on top of those recorded for 1960. The group with the largest anticipated percent increase in 1961—administration and service buildings—is strongly influenced by a "breakthrough" program which represents the largest Federal program for building office space on record. This nationwide program is designed to relieve a critical shortage of Federal office space that has been prevalent since World War II.

Spending for conservation and development projects in 1961 will almost double the 1959 rate of $700 million and represent the sixth consecutive annual increase. New projects, as well as existing large continuing projects, lend strength to this category.

Sewer construction will probably decline in 1961 as in 1960 due to the effect of new smaller projects which have replaced the larger projects of recent years. On the other hand the construction of water facilities will continue to rise in response to growing industrial and community needs.

All types of construction except sewer which are financed predominately by State and local government will ascend in 1961, both building and nonbuilding categories gaining. Rising revenues, a more favorable financial market, and a pressing backlog of needs provide the framework for expanded efforts in construction.

STATISTICAL SERIES

Part A.—Construction Put in Place

NOTE: The monthly estimates in Part A are determined primarily by past contract award movements, standard progress patterns, and assumed normal seasonal movements. Except when special surveys are undertaken, as was done during the 1959 steel strike, they do not reflect the effects of varying numbers of working days in given months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppages, and delays.

Table A-1.—New Construction Put in Place in the United States: Current Value and Relative Changes, by Type of Construction

Type of construction	Value (*in millions of dollars*)							Percent change		
	1960			1959	First 10 months		Seasonally adjusted annual rate Oct. 1960	First 10 months 1959-60	Oct. 1960 from	
	August	September	October	October	1959	1960			October 1959	September 1960
TOTAL NEW CONSTRUCTION	r5,257	r5,234	5,092	5,069	46,978	45,948	54,982	− 2	(1)	− 3
PRIVATE CONSTRUCTION	r3,575	r3,556	3,478	3,630	33,118	32,465	38,284	− 2	− 4	− 2
Residential buildings (nonfarm)	2,050	r2,024	1,920	2,252	20,456	18,415	20,918	−10	−15	− 5
New dwelling units	1,524	r1,485	1,390	1,778	16,062	13,703	15,079	−15	−22	− 6
Additions and alterations	446	r458	448	407	3,765	3,968	4,885	+ 5	+10	− 2
Nonhousekeeping	80	81	82	67	629	744	954	+18	−22	+ 1
Nonresidential buildings	871	889	912	789	7,244	8,213	10,313	+13	+16	+ 3
Industrial	238	248	256	184	1,690	2,333	3,084	+38	+39	+ 3
Commercial	351	358	372	350	3,235	3,325	4,133	+ 3	+ 6	+ 4
Office buildings and warehouses	181	181	185	166	1,617	1,697	2,129	+ 5	+11	+ 2
Stores, restaurants, and garages	170	177	187	184	1,618	1,628	2,004	+ 1	+ 2	+ 6
Other nonresidential buildings	282	283	284	255	2,319	2,555	3,096	+10	+11	(1)
Religious	94	96	96	86	779	849	1,036	+ 9	+12	0
Educational	51	53	55	44	434	474	595	+ 9	+25	+ 4
Hospital and institutional	47	49	51	49	471	475	593	+ 1	+ 4	+ 4
Social and recreational	67	65	62	52	450	560	662	+24	+19	− 5
Miscellaneous	23	20	20	24	185	197	210	+ 6	−17	0
Farm construction	139	135	119	115	1,054	1,178	1,376	+12	+ 3	−12
Public utilities	r489	r482	500	454	4,201	4,426	5,373	+ 5	+10	+ 4
Telephone and telegraph	r97	r88	107	87	780	913	1,192	+17	+23	+22
Other public utilities	r392	r394	393	367	3,421	3,513	4,181	+ 3	+ 7	(1)
All other private	r26	r26	27	20	163	233	304	+43	+35	+4
PUBLIC CONSTRUCTION	r1,682	r1,678	1,614	1,439	13,860	13,483	16,698	− 3	+12	−4
Residential buildings	59	r60	60	62	844	598	692	−29	− 3	0
Nonresidential buildings	444	446	441	374	3,863	3,951	4,868	+ 2	+18	−1
Industrial	r32	r31	31	34	301	342	349	+14	− 9	0
Educational	263	r266	268	219	2,277	2,348	2,965	+ 3	+ 22	+ 1
Hospital and institutional	36	36	35	35	365	337	394	− 8	0	−3
Administrative and service	r62	62	57	45	495	497	610	(1)	+ 27	− 8
Other nonresidential buildings	r51	r51	50	41	425	427	550	(1)	+22	− 2
Military facilities	r135	r131	136	121	1,264	1,065	1,264	−16	+ 4	− 4
Highways	r687	r683	649	584	5,029	4,831	6,218	− 4	+11	− 5
Sewer and water facilities	139	r135	130	128	1,231	1,258	1,475	+ 2	+ 2	− 4
Sewer	81	r77	73	79	760	752	817	− 1	− 8	− 5
Water	58	r58	57	49	471	506	658	+ 7	+16	− 2
Public service enterprises	79	r76	65	52	470	552	691	+17	+25	−14
Conservation and development	r118	r125	120	100	959	1,043	1,244	+ 9	+ 20	− 4
All other public	21	22	23	18	200	185	246	− 7	+ 28	+ 5

Source: Department of Commerce, Bureau of the Census. [1] Change of less than one-half of 1 percent. [r] Revised.

Table A-2.–New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars

(Millions of dollars)

Period	New construction put in place**						Private			
	Total		Private		Public		Residential buildings (nonfarm)		Nonresidential buildings	
									Total	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	*44,164*	*35,334*	*32,440*	*25,661*	11,724	9,673	*18,705*	*15,078*	7,611	6,007
1956	*45,779*	*34,681*	*33,067*	*24,805*	12,712	9,876	*17,677*	*13,648*	8,817	6,594
1957	*47,795*	*34,944*	*33,778*	*24,469*	14,017	10,475	*17,019*	*12,903*	9,556	6,805
1958	*48,903*	*35,418*	*33,491*	*23,964*	15,412	11,454	*18,047*	*13,535*	8,675	6,046
1959	56,105	39,838	39,848	27,781	16,257	12,057	24,469	17,753	8,859	5,974
	Seasonally adjusted annual rates									
1959: October	54,723	38,544	39,804	27,624	14,919	10,920	24,507	17,700	8,868	5,952
November	54,266	38,136	39,622	27,492	14,644	10,644	24,016	17,316	9,036	6,096
December	55,367	38,892	40,058	27,684	15,309	11,208	23,901	17,220	9,372	6,252
1960: January	54,696	38,376	39,864	27,564	14,832	10,812	23,244	16,728	9,720	6,528
February	54,900	38,388	39,720	27,240	15,180	11,148	22,536	16,104	10,224	6,816
March	54,444	38,100	39,288	27,012	15,156	11,088	22,392	16,056	10,032	6,708
April	54,212	37,746	38,768	26,538	15,444	11,208	21,930	15,697	9,948	6,624
May	55,337	38,736	38,993	26,652	16,344	12,084	22,180	15,820	9,828	6,576
June	55,293	38,527	39,207	26,781	16,086	11,746	22,362	15,939	9,754	6,493
July	55,515	38,693	39,160	26,742	16,355	11,951	22,308	15,923	9,821	6,519
August	r55,451	r38,740	r38,813	r26,525	r16,638	r12,215	r21,783	r15,581	9,962	r6,620
September	r55,237	r38,437	r38,812	r26,535	r16,425	r11,902	r21,717	r15,556	10,173	r6,743
October	54,982	38,301	38,284	26,148	16,698	12,153	20,918	14,995	10,313	6,850
	Percent change									
October 1959-60	+1	−1	−4	−5	+12	+11	−15	−15	+16	+15
First 10 mos. 1959-60	−2	−4	−2	−4	−4	−5	−10	−11	+14	+12

Period	Private construction–Con.											
	Nonresidential buildings–Con.								Farm construction		Public utilities	
	Industrial		Office buildings and warehouses		Stores, restaurants, garages		Other nonresidential buildings					
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	2,399	1,941	1,311	1,054	1,907	1,472	1,994	1,540	*1,600*	*1,344*	4,363	3,119
1956	3,084	2,306	1,684	1,294	1,947	1,441	2,102	1,553	*1,560*	*1,252*	4,893	3,230
1957	3,557	2,506	1,893	1,389	1,671	1,186	2,435	1,724	*1,590*	*1,249*	5,414	3,384
1958	2,382	1,679	2,013	1,417	1,576	1,085	2,704	1,865	*1,475*	*1,150*	5,105	3,096
1959	2,106	1,457	1,954	1,330	1,976	1,306	2,823	1,881	1,261	954	5,052	2,975
	Seasonally adjusted annual rates											
1959: October	2,208	1,524	1,896	1,284	1,980	1,308	2,784	1,836	1,329	996	4,872	2,844
November	2,316	1,596	1,896	1,284	1,992	1,320	2,832	1,896	1,326	996	4,980	2,928
December	2,448	1,680	1,968	1,320	2,052	1,356	2,904	1,896	1,325	996	5,184	3,048
1960: January	2,556	1,764	2,040	1,368	2,100	1,380	3,024	2,016	1,344	996	5,232	3,120
February	2,748	1,896	2,064	1,380	2,292	1,500	3,120	2,040	1,368	1,020	5,292	3,132
March	2,772	1,920	2,028	1,356	2,088	1,368	3,144	2,064	1,356	1,008	5,232	3,072
April	2,772	1,908	2,004	1,332	2,052	1,344	3,120	2,040	1,370	1,013	5,256	3,060
May	2,760	1,908	1,992	1,332	1,968	1,284	3,108	2,052	1,405	1,040	5,316	3,072
June	2,788	1,922	2,014	1,334	1,867	1,220	3,085	2,017	1,428	1,056	5,405	3,145
July	2,868	1,978	2,068	1,369	1,802	1,170	3,083	2,002	1,392	r1,024	5,364	3,119
August	2,934	2,023	2,069	r1,379	1,853	1,203	3,106	2,015	r1,393	r1,024	r5,406	r3,146
September	3,041	2,097	2,087	r1,391	1,949	r1,257	3,096	r1,998	r1,441	r1,061	r5,204	r3,017
October	3,084	2,142	2,129	1,419	2,004	1,293	3,096	1,996	1,376	1,006	5,373	3,124
	Percent change											
October 1959-60	+40	+41	+12	+11	+1	−1	+11	+9	+4	+1	+10	+10
First 10 mos. 1959-60	+38	+38	+5	+2	+3	(1)	+11	+8	+11	+8	+5	+4

See footnotes at end of table.

Table A-2.–New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars–Con.

(Millions of dollars)

Period	Public construction											
	Residential buildings		Nonresidential buildings									
			Total		Industrial		Educational		Hospital and institutional		Other nonresidential buildings	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	266	213	4,196	3,274	721	588	2,442	1,888	300	232	733	566
1956	292	225	4,076	3,017	453	339	2,556	1,891	300	220	767	567
1957	506	383	4,507	3,193	473	333	2,825	2,003	354	250	855	607
1958	846	637	4,653	3,214	408	289	2,875	1,982	390	267	980	676
1959	962	703	4,514	3,035	368	256	2,656	1,780	428	287	1,062	712
	Seasonally adjusted annual rates											
1959: October	720	516	4,164	2,760	396	264	2,436	1,608	396	264	936	624
November	684	492	4,020	2,628	396	264	2,340	1,536	372	240	912	588
December	708	504	4,248	2,808	396	276	2,448	1,608	396	252	1,008	672
1960: January	696	504	4,308	2,832	444	300	2,508	1,656	408	264	948	612
February	684	492	4,500	2,976	396	276	2,628	1,728	432	288	1,044	684
March	684	504	4,308	2,868	372	264	2,580	1,704	372	240	984	660
April	720	516	4,560	2,988	408	276	2,688	1,764	384	252	1,080	696
May	768	552	4,692	3,084	384	264	2,832	1,848	408	276	1,068	696
June	724	516	4,698	3,085	389	268	2,796	1,827	414	271	1,099	719
July	774	552	5,083	3,325	634	437	2,914	1,892	403	262	r1,132	734
August	r724	r518	r4,811	r3,139	r362	r250	2,930	1,903	396	257	r1,123	r729
September	r719	r515	r4,879	r3,165	r391	r270	r2,940	r1,897	r408	r263	r1,140	r735
October	692	496	4,868	3,158	349	243	2,965	1,913	394	254	1,160	748
	Percent change											
October 1959-60	– 4	– 4	+ 17	+ 14	– 12	– 8	+22	+ 19	– 1	– 4	+ 24	+ 20
First 10 mos. 1959-60	– 29	–31	+ 1	– 1	+ 13	+ 12	+ 2	(1)	– 8	– 11	– 1	– 4

Period	Public construction–Con.											
	Military facilities		Highways		Sewer systems		Water systems		Public service enterprises		Conservation and development	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955	1,287	1,063	3,861	3,633	615	436	470	333	233	157	701	497
1956	1,360	1,059	4,395	3,851	701	473	574	386	384	240	826	556
1957	1,287	955	4,892	4,146	781	503	563	362	393	232	971	625
1958	1,402	1,028	5,500	4,731	836	518	551	339	451	261	1,019	633
1959	1,488	1,082	5,916	5,253	906	536	561	333	551	308	1,130	670
	Seasonally adjusted annual rates											
1959: September	1,289	924	5,532	4,860	924	540	588	336	564	312	1,048	612
October	1,212	864	5,580	4,896	888	516	564	336	552	312	1,044	600
November	1,327	948	5,328	4,668	900	516	576	336	564	324	1,039	612
December	1,433	1,032	5,520	4,884	924	540	600	348	576	324	1,105	648
1960: January	1,272	936	5,004	4,464	948	564	588	336	564	324	1,224	720
February	996	732	5,448	4,896	948	552	588	336	624	348	1,140	672
March	1,512	1,020	5,112	4,632	948	552	588	348	588	336	1,224	708
April	1,236	864	5,304	4,776	960	552	576	336	600	336	1,284	732
May	1,200	852	6,168	5,568	936	552	576	324	600	336	1,200	696
June	1,283	916	5,639	5,085	907	521	568	326	619	350	1,439	827
July	1,265	903	5,768	5,196	874	499	581	332	668	378	r1,133	647
August	r1,430	r1,022	r6,121	r5,510	839	479	608	348	697	394	r1,196	r684
September	r1,278	r906	r5,898	r5,234	r811	r464	r643	r368	r689	r389	r1,288	r736
October	1,264	896	6,218	5,517	817	467	658	376	691	391	1,244	711
	Percent change											
October 1959-60	+ 4	+ 4	+ 11	+13	– 8	– 9	+17	+12	+ 25	+ 25	+19	+19
First 10 mos. 1959-60	– 17	–18	– 7	– 5	– 1	– 3	+ 8	+ 4	+ 18	+ 18	+ 8	+ 5

Source: Department of Commerce, Bureau of the Census. *1947-49 dollars. **Includes values for the "all other" categories, not shown separately on this table. See table A-1. [1] Change of less than one-half of 1 percent. r Revised.

NOTE: Values for 1955-1958, shown in italics, are not comparable with later data.

Table A-3.–New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, and by Ownership

(Millions of dollars)

Period	Total	Source of funds				Ownership		Federally owned	
		Federal			State and local	Federal	State and local	Residential buildings	Military facilities
		Total	Direct	Grants-in-aid					
1955	11,724	3,555	2,777	778	8,169	2,777	8,947	2	1,287
1956	12,712	3,639	2,728	911	9,073	2,728	9,984	17	1,360
1957	14,017	4,376	2,991	1,385	9,641	2,991	11,026	155	1,287
1958	15,412	5,663	3,419	2,244	9,749	3,419	11,993	357	1,402
1959	16,257	6,632	3,842	2,790	9,625	3,842	12,415	488	1,488
1959: October	1,439	596	315	281	843	315	1,124	27	121
November	1,234	498	288	210	736	288	946	24	114
December	1,163	469	277	192	694	277	886	22	110
1960: January	943	360	247	113	583	247	696	25	89
February	884	316	199	117	568	199	685	23	61
March	991	362	246	116	629	246	745	24	92
April	1,170	422	271	151	748	271	899	25	88
May	1,383	532	300	232	851	300	1,083	27	103
June	1,534	r591	r358	233	943	r358	1,176	27	126
July	1,604	604	338	266	1,000	338	1,266	26	114
August	r1,682	r639	r345	294	r1,043	r345	r1,337	24	r135
September	r1,678	r625	r351	r274	r1,053	r351	r1,327	r23	r131
October	1,614	608	335	273	1,006	335	1,279	22	126
	Percent change								
October 1959-60	+12	+ 2	+ 6	- 3	+19	+ 6	+14	- 19	+ 4
First 10 mos. 1959-60	- 3	-11	- 9	-13	+ 3	- 9	- 1	- 44	- 16

Period	Federally owned–Con.								
	Nonresidential buildings						Highways	Conservation and development	All other
	Total	Industrial	Educational	Hospital	Administrative and service	Other nonresidential			
1955	802	721	6	22	14	39	78	598	10
1956	583	453	8	37	30	55	79	675	14
1957	600	473	8	45	54	20	117	818	14
1958	607	408	11	35	122	31	145	885	23
1959	660	368	11	r 58	149	74	180	981	45
1959: October	58	34	1	6	11	6	18	87	4
November	55	34	1	5	10	5	16	75	4
December	55	33	0	5	11	6	14	73	3
1960: January	52	35	1	4	8	4	8	69	4
February	47	29	1	4	8	5	8	56	4
March	46	29	1	4	8	4	8	72	4
April	54	33	1	4	12	4	12	86	6
May	56	33	2	5	12	4	16	92	6
June	60	35	2	6	13	4	19	r119	7
July	79	54	3	5	12	5	20	91	8
August	58	r32	r 2	5	13	r 6	20	r 101	r 7
September	58	r31	2	5	r 14	r 6	21	r 110	8
October	56	31	2	5	12	6	19	105	7
	Percent change								
October 1959-60	- 3	- 9	+100	- 17	+ 9	0	+ 6	+ 21	+75
First 10 mos. 1959-60	+ 3	+ 14	+ 70	- 2	- 13	- 24	+ 1	+ 8	+61

See footnotes at end of table.

Table A-3.—New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, and by Ownership—Con.

(Millions of dollars)

Period	State and locally owned									
	Residential buildings	Nonresidential buildings					Highways	Sewer systems	Water systems	All other
		Total	Educational	Hospitals	Administrative and service	Other nonresidential				
1955	264	3,394	2,436	278	317	363	3,783	615	470	421
1956	275	3,493	2,548	263	332	350	4,316	701	574	625
1957	351	3,907	2,817	309	385	396	4,775	781	563	649
1958	489	4,046	2,864	355	410	417	5,355	836	551	716
1959	474	3,854	2,645	370	419	420	5,736	906	561	884
1959: October	35	316	218	29	34	35	566	79	49	79
November	34	270	186	27	27	30	453	74	47	68
December	38	271	192	26	25	28	404	72	43	58
1960: January	33	276	196	25	26	29	216	71	43	57
February	34	261	182	25	25	29	233	65	40	52
March	33	288	199	27	30	32	245	72	46	61
April	35	324	222	30	36	36	344	76	48	72
May	37	338	232	30	39	37	499	77	51	81
June	33	359	247	30	42	40	567	79	51	87
July	37	380	r 262	31	45	42	617	81	54	97
August	35	386	r 261	31	r 49	45	r 667	81	58	110
September	r 37	388	r 264	31	48	r 45	r 662	r 77	r 58	r 105
October	38	385	266	30	45	44	630	73	57	96
	Percent change									
October 1959-60	+ 9	+ 22	+ 22	+ 3	+ 32	+ 26	+ 11	− 8	+ 16	+ 22
First 10 mos. 1959-60	−12	+ 2	+ 3	− 9	+ 5	+ 5	− 4	− 1	+ 7	+ 8

Source Source: Department of Commerce, Bureau of the Census. [1] Change of less than one-half of 1 percent.

NOTE: Beginning with January 1959 data include estimates for the value of new construction put in place in Alaska and Hawaii.

COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

NORTHEAST

1. *New England*
   Connecticut
   Maine
   Massachusetts
   New Hampshire
   Rhode Island
   Vermont
2. *Middle Atlantic*
   New Jersey
   New York
   Pennsylvania

NORTH CENTRAL

3. *E. N. Central*
   Illinois
   Indiana
   Michigan
   Ohio
   Wisconsin
4. *W. N. Central*
   Iowa
   Kansas
   Minnesota
   Missouri
   Nebraska
   North Dakota
   South Dakota

SOUTH

5. *S. Atlantic*
   Delaware
   Dist. of Col.
   Florida
   Georgia
   Maryland
   N. Carolina
   S. Carolina
   Virginia
   W. Virginia
6. *E. S. Central*
   Alabama
   Kentucky
   Mississippi
   Tennessee
7. *W. S. Central*
   Arkansas
   Louisiana
   Oklahoma
   Texas

WEST

8. *Mountain*
   Arizona
   Colorado
   Idaho
   Montana
   Nevada
   New Mexico
   Utah
   Wyoming
9. *Pacific*
   Alaska
   California
   Hawaii
   Oregon
   Washington

Part B.—Housing

NOTE: The statistics shown in italics in this section relate to the "old" housing starts series which was terminated with April 1960 data. The "new" series overlaps the "old" one for the period January 1959-April 1960.

A description of the "new" series and a statement regarding conceptual, coverage, and methodological changes which affect the comparability of the two series appears in CONSTRUCTION REVIEW, June 1960, pp. 4-10.

Table B-1.—Housing Starts in the United States: Number and Percentage Distribution, by Ownership and Type of Structure

Period	Total	Ownership			Type of structure			Seasonally adjusted annual rate, private	
		Private		Public	1-family	2-family	3-or-more family	Total	Nonfarm
		Total	Nonfarm						
	Number of units (*in thousands*)								
Old series									
1956	*1,118.1*	.....	*1,093.9*	*24.2*	*989.7*	*30.9*	*97.5*	.....	.....
1957	*1,041.9*	.....	*992.8*	*49.1*	*872.7*	*33.3*	*135.9*	.....	.....
1958	*1,209.4*	.....	*1,141.5*	*67.9*	*975.1*	*38.9*	*195.4*	.....	.....
1959	*1,378.5*	.....	*1,342.8*	*35.7*	*1,094.6*	*52.5*	*231.4*	.....	.....
New series									
1959	1,553.5	1,516.8	1,494.6	36.7	1,250.7	58.5	244.3	.....	.....
1959: September	140.0	136.3	132.4	3.7	114.7	5.5	19.8	1,509	1,468
October	123.3	120.0	117.9	3.3	98.7	4.8	19.8	1,378	1,354
November	106.5	104.7	102.5	1.8	85.4	4.3	16.8	1,356	1,328
December	96.4	95.6	92.8	.8	77.0	3.6	15.8	1,451	1,401
1960: January	88.4	87.1	83.0	1.3	69.8	3.9	14.7	1,366	1,291
February	90.2	87.9	86.5	2.3	70.9	4.0	15.3	1,367	1,347
March	93.3	90.2	89.2	3.1	74.0	3.8	15.5	1,112	1,098
April	r 125.2	r 123.5	r 121.7	1.7	r 102.3	4.7	18.2	r 1,327	r 1,307
May	r 130.0	r 127.3	r 125.5	2.7	r 101.6	5.0	23.4	r 1,333	r 1,315
June	127.3	122.2	120.6	5.1	101.5	4.6	21.2	1,302	1,285
July	r 114.9	r 111.1	r 109.4	r 3.8	r 90.6	4.4	r 19.8	r 1,182	r 1,164
August	r 129.9	r 125.1	r 123.0	r 4.8	104.3	4.1	21.5	r 1,295	r 1,276
September	103.4	97.8	95.7	5.6	n.a.	n.a.	n.a.	1,077	1,054
	Percent change								
September 1959-60	- 26.1	- 28.2	- 27.7	+ 51.4	.....	.....	.....	.....	.....
First 9 mos. 1959-60	- 18.3	- 18.7	- 19.2	- 1.3	[1] - 18.3	[1] - 14.4	[1] - 13.1	.....	.....
	Percentage distribution								
Old series									
1956	*100*	.....	*97.8*	*2.2*	*88.5*	*2.8*	*8.7*	.....	.....
1957	*100*	.....	*95.3*	*4.7*	*83.8*	*3.2*	*13.0*	.....	.....
1958	*100*	.....	*94.4*	*5.6*	*80.6*	*3.2*	*16.2*	.....	.....
1959	*100*	.....	*97.4*	*2.6*	*79.4*	*3.8*	*16.8*	.....	.....
New series									
1959	100	97.7	96.2	2.3	80.5	3.8	15.7	.....	.....
1959: September	100	97.4	94.6	2.6	82.0	3.9	14.1	.....	.....
October	100	97.3	95.6	2.7	80.0	3.9	16.1	.....	.....
November	100	98.3	96.2	1.7	80.2	4.0	15.8	.....	.....
December	100	99.3	96.4	.7	80.0	3.7	16.3	.....	.....
1960: January	100	98.5	93.9	1.5	79.0	4.4	16.6	.....	.....
February	100	97.5	95.9	2.5	78.6	4.4	17.0	.....	.....
March	100	96.7	95.6	3.3	79.3	4.1	16.6	.....	.....
April	100	98.6	97.2	1.4	81.7	3.8	14.5	.....	.....
May	100	97.9	r 96.5	2.1	r 78.2	3.8	r 18.0	.....	.....
June	100	96.0	94.7	4.0	79.7	3.6	16.7	.....	.....
July	100	r 96.7	r 95.2	r 3.3	r 78.9	3.8	r 17.2	.....	.....
August	100	r 96.3	94.7	r 3.7	80.2	3.2	16.6	.....	.....
September	100	94.6	92.6	5.4	.....	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. * For seasonally adjusted annual rates pertaining to the "old" housing starts series, 1948-60 by month, see table B-2 in CONSTRUCTION REVIEW, June 1960. n.a. Not yet available. [1] First 8 months 1959-60. r Revised.

Table B-2: Housing Starts in the United States: Number and Percentage Distribution, by Location

Period	Total	Metropolitan area *		Region **			
		Inside	Outside	Northeast	North Central	South	West
	Number of units *(in thousands)*						
Old series							
1956	*1,118.1*	*779.8*	*338.3*	*228.8*	*303.1*	*334.2*	*252.0*
1957	*1,041.9*	*699.7*	*342.2*	*195.5*	*258.4*	*346.3*	*241.7*
1958	*1,209.4*	*827.0*	*382.4*	*210.9*	*289.6*	*413.3*	*295.6*
1959	*1,378.5*	*946.1*	*432.4*	*253.4*	*318.5*	*459.0*	*347.6*
New series							
1959	1,553.5	1,076.9	476.6	279.7	374.8	521.4	377.6
1959: September	140.0	93.6	46.4	24.6	35.5	48.4	31.5
October	123.3	88.7	34.6	23.1	30.1	37.9	32.2
November	106.5	74.2	32.3	20.0	23.5	37.4	25.6
December	96.4	67.0	29.4	15.2	19.3	36.7	25.2
1960: January	88.4	64.5	23.9	12.1	17.5	34.7	24.1
February	90.2	65.7	24.5	12.2	16.2	35.6	26.2
March	93.3	66.6	26.7	11.5	14.1	38.7	29.0
April	r 125.2	82.8	r 42.4	21.1	30.2	44.7	r 29.3
May	r 130.0	90.8	r 39.2	22.8	34.6	43.6	r 28.9
June	127.3	83.7	43.6	25.8	35.7	37.4	28.4
July	r 114.9	r 79.9	r 35.0	21.4	r 32.1	r 37.2	r 24.2
August	r 129.9	85.6	r 44.3	24.8	29.5	46.8	28.7
September	103.4	68.7	34.7	n.a.	n.a.	n.a.	n.a.
	Percent change						
September 1959-60	- 26.1	- 26.6	- 25.2	.....	.....	.....	.....
First 9 mos. 1959-60	- 18.3	- 18.7	- 17.4	[1] - 22.9	[1] - 21.2	[1] - 11.7	[1] - 16.8
	Percentage distribution						
Old series							
1956	*100*	*69.7*	*30.3*	*20.5*	*27.1*	*29.9*	*22.5*
1957	*100*	*67.2*	*32.8*	*18.8*	*24.8*	*33.2*	*23.2*
1958	*100*	*68.4*	*31.6*	*17.4*	*23.9*	*34.2*	*24.5*
1959	*100*	*68.6*	*31.4*	*18.4*	*23.1*	*33.3*	*25.2*
New series							
1959	100	69.3	30.7	18.0	24.1	33.6	24.3
1959: September	100	66.8	33.2	17.6	25.4	34.6	22.4
October	100	71.9	28.1	18.7	24.4	30.7	26.1
November	100	69.7	30.3	18.8	22.1	35.1	24.0
December	100	69.5	30.5	15.7	20.0	38.1	26.2
1960: January	100	73.0	27.0	13.7	19.8	39.2	27.3
February	100	72.8	27.2	13.5	17.9	39.5	29.1
March	100	71.4	28.6	12.3	15.1	41.5	31.1
April	100	r 66.1	r 33.9	r 16.9	24.1	r 35.7	r 23.4
May	100	r 69.8	r 30.2	r 17.5	r 26.6	r 33.5	r 22.2
June	100	65.8	34.2	20.3	28.0	29.4	22.3
July	100	69.5	r 30.5	18.6	r 27.9	r 32.4	r 21.1
August	100	r 65.9	r 34.1	19.1	22.7	36.0	22.1
September	100	66.4	33.6	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. *Beginning with 1959 data, distribution is based upon the revised definitions of standard metropolitan statistical areas published in 1959 by the Bureau of the Budget in *Standard Metropolitan Statistical Areas*. **Composition of regions is shown below Table A-3. n.a.—Not yet available. [1] First 8 months 1959-60. r Revised.

Table B-3: New Private 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Old series	AVERAGE CONSTRUCTION COST												
1950	$7,625	$7,850	$8,225	$8,450	$8,450	$8,750	$8,875	$9,125	$8,900	$9,200	$9,075	$9,200	$8,673
1951	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952	9,050	9,275	9,350	9,550	9,575	9,675	9,300	9,425	9,600	9,525	9,550	9,525	9,473
1953	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,958
1954	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,358
1956	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957	12,600	12,800	12,950	13,025	13,250	13,150	13,050	12,925	13,075	13,375	13,000	12,925	13,025
1958	12,775	12,875	13,000	13,100	13,150	13,025	13,025	12,550	12,925	13,125	12,925	12,800	12,958
1959	12,450	12,300	13,250	13,650	13,750	13,725	13,550	13,600	13,700	13,800	13,700	13,450	13,445
1960	13,600	13,650	13,975	13,850									
New series													
1959	12,473	12,447	13,219	13,580	13,723	13,875	13,578	13,332	13,201	13,876	13,484	13,070	13,322
1960	12,991	13,094	13,798	14,010	14,008	13,925	r 13,571	13,299					
	Percent change, 1959 to 1960												
	+4.2	+5.2	+4.4	+3.2	+2.1	+.4	r −.1	−.2					

Source: Department of Commerce, Bureau of the Census. Note: The new series on average construction costs of new 1-family houses is derived in the same way as the old series, and reflects only the new level of 1-family houses started.

Chart I.

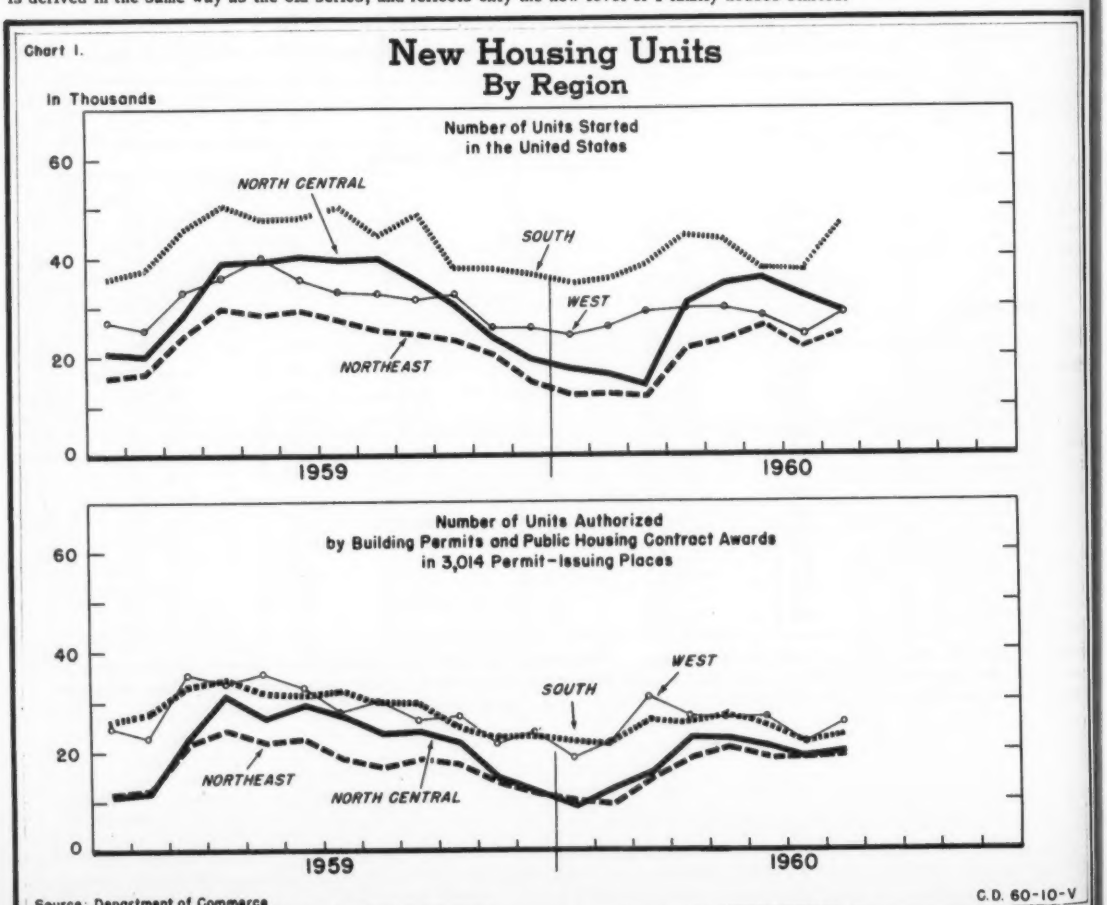


Table B-4: Housing Under Government Mortgage Insurance Programs

Period	FHA			VA			Number of starts in FHA and VA programs as a percent** of private nonfarm starts		
	Applications received*	First inspection (starts)	Mortgages insured*	Appraisal requests	First inspection (starts)	Loans closed	Total	FHA	VA
	Number of dwelling units *(in thousands)*								
1955	313.5	276.7	139.8	620.8	392.9	387.6	*51*	*21*	*30*
1956	219.4	189.3	110.9	401.5	270.7	313.5	*42*	*17*	*25*
1957	229.7	168.4	92.6	159.4	128.3	218.8	*30*	*17*	*13*
1958	395.9	295.4	157.0	234.2	102.1	94.0	*35*	*26*	*9*
1959	420.9	330.7	227.8	234.0	109.3	145.3	29	22	7
1959: September	29.3	29.8	19.4	17.9	10.0	11.0	31	23	8
October	27.3	26.8	20.1	16.7	9.4	11.5	31	23	8
November	21.5	20.3	18.0	12.2	7.9	10.9	28	20	8
December	27.1	20.0	18.8	11.1	6.4	12.1	29	22	7
1960: January	22.0	15.9	18.2	11.2	4.1	10.2	24	19	5
February	24.6	17.7	17.4	12.9	4.8	9.1	26	20	6
March	34.2	21.9	16.8	12.9	5.2	9.4	31	25	6
April	28.0	25.4	14.7	13.7	7.3	8.3	27	21	6
May	26.9	25.2	14.1	14.4	6.9	8.4	25	20	5
June	29.2	26.5	16.7	15.2	7.7	9.5	28	22	6
July	24.0	23.6	15.8	8.5	7.4	8.4	29	22	7
August	r 27.5	26.3	r 19.1	12.4	8.2	9.4	r 28	r 21	7
September	23.4	21.9	18.7	11.6	6.8	8.8	30	23	7
	Percent change								
September 1959-60	- 20.1	- 26.5	- 4.1	- 35.3	- 31.4	- 19.9	.....	.....	.....
12 mos. ending September 1959-60	- 27.4	- 22.6	- 4.9	- 37.3	- 31.8	- 19.2	.....	.....	.....

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. * Excludes units under military and armed services programs. ** Percentages shown in italics are based on private nonfarm housing starts, "old series." r Revised.

Table B-5: Nonfarm Mortgage Recordings of $20,000 or Less: Number and Value by Type of Lender

(Excludes Alaska and Hawaii)

Period	Number (in thousands)	Average amount (dollars)	Total amount *(in millions of dollars)* recorded by–						
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	All other lenders
1955	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362	5,265
1956	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917
1957	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554	4,307
1958	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435	5,133
1959	3,782	8,522	32,235	13,094	1,523	5,832	1,780	3,946	6,060
1959: August	334	8,584	2,871	1,203	137	505	167	336	522
September	330	8,578	2,834	1,184	136	481	172	340	521
October	329	8,501	2,799	1,152	146	463	167	349	522
November	288	8,476	2,442	952	137	409	152	314	478
December	293	8,472	2,487	963	138	410	152	327	497
1960: January	248	8,401	2,079	777	107	343	115	310	427
February	259	8,292	2,149	859	103	342	103	325	417
March	287	8,392	2,406	983	119	377	105	355	467
April	282	8,389	2,366	983	108	382	106	335	452
May	300	8,323	2,500	1,051	114	402	120	339	474
June	315	8,547	2,690	1,167	119	415	138	348	503
July	298	8,479	2,528	1,048	116	378	145	350	491
August	325	8,554	2,784	1,201	123	406	158	359	537
	Percent change								
August 1959-60	- 3	(1)	- 3	(1)	- 10	- 20	- 5	+ 7	+ 3
12 mos. ending August 1959-60	- 6	.....	- 7	- 4	- 4	- 21	- 9	+ 6	- 5

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Federal Home Loan Bank Board. [1] Change of less than one-half of 1 percent.

Table B-6: Publicly Owned Housing Starts, by Ownership and Program

Period	All public programs	Federally owned			State and locally owned				
		Total	Capehart	All other	Total	Federally aided (PHA)		New York City Housing Authority (excluding Federally aided)	All other
						Total	New York City Housing Authority		
	Number of units								
1956	24,236	8,752	3,783	4,969	15,484	4,794	981	5,189	5,501
1957	49,103	25,518	23,642	1,876	23,585	17,473	2,856	2,762	3,350
1958	67,907	36,312	34,667	1,645	31,595	19,970	1,102	6,319	5,306
1959	36,690	14,999	14,590	409	21,691	13,860	2,003	3,966	3,865
1959: August	4,244	3,220	3,218	2	1,024	633	0	0	391
September	3,712	1,569	1,565	4	2,143	1,258	0	693	192
October	3,312	1,864	1,840	24	1,448	1,108	0	0	340
November	1,802	4	0	4	1,798	1,302	619	320	176
December	769	11	0	11	758	585	0	0	173
1960: January	1,334	552	285	267	782	580	0	0	202
February	2,340	34	0	34	2,306	2,060	0	0	246
March	3,096	734	730	4	2,362	2,212	0	0	150
April	1,710	306	300	6	1,404	1,038	0	168	198
May	2,709	350	330	20	2,359	2,339	0	0	20
June	5,106	1,355	1,250	105	3,751	3,372	.....	125	254
July	3,811	701	690	11	3,110	2,990	1,750	.....	120
August	4,813	1,618	1,564	54	3,195	2,467	.....	672	56

Source: Department of Commerce, Bureau of the Census.

Table B-7.—Housing Vacancy Rates for the United States,[1] by Region[2] and Metropolitan[3] Areas

(Percent distribution)

Period	All dwelling units						Rental units			Home-owner units		
	Total	Vacant dwelling units				Occupied dwelling units	Total	Available for rent	Renter occupied or rented	Total	Available for sale	Owner occupied or sold
		Available for occupancy		Rented or sold	Other[4] vacant dwelling units							
		For rent	For sale									
	United States											
April 1950	100	1.1	.5	[4] 1.7	[4] 3.6	93.1	100	2.6	97.4	100	.9	99.1
3rd quarter: 1955	100	1.8	.5	.5	5.3	91.9	.....	([5])	([5])	.....	([5])	([5])
1956	100	2.2	.6	.6	5.6	91.0	100	5.8	94.2	100	1.0	99.0
1957	100	1.9	.5	.5	6.3	90.8	100	5.2	94.8	100	.8	99.2
1958	100	2.2	.6	.5	6.6	90.1	100	5.8	94.2	100	1.1	98.9
1959: 3rd quarter	100	2.4	.6	.5	6.5	90.0	100	6.6	93.4	100	1.1	98.9
4th quarter	100	2.4	.6	.4	6.1	90.5	100	6.4	93.6	100	1.0	99.0
1960: 1st quarter	100	2.6	.6	.4	6.6	89.8	100	7.2	92.8	100	1.1	98.9
2nd quarter	100	2.8	.7	.4	6.3	89.8	100	7.3	92.7	100	1.2	98.8
3rd quarter	100	2.8	.7	.5	6.0	90.0	100	7.6	92.4	100	1.2	98.8

See footnotes at end of table.

Table B-7.—Housing Vacancy Rates for the United States,[1] by Region[2] and Metropolitan[3] Areas—Con.

(Percent distribution)

Period	All dwelling units						Rental units			Home-owner units		
	Total	Vacant dwelling units				Occupied dwelling units	Total	Available for rent	Renter occupied or rented	Total	Available for sale	Owner occupied or sold
		Available for occupancy		Rented or sold	Other[4] vacant dwelling units							
		For rent	For sale									
Northeast												
April 1950	100	.7	.4	[4] 1.4	[4] 4.3	93.2	100	1.5	98.5	100	.9	99.1
3rd quarter: 1955	100	1.1	.3	.4	6.2	92.0	...	([5])	([5])	....	([5])	([5])
1956	100	1.3	.5	.5	6.3	91.4	100	3.0	97.0	100	.9	99.1
1957	100	1.3	.3	.5	6.6	91.3	100	3.3	96.7	100	.6	99.4
1958	100	1.4	.4	.6	7.4	90.2	100	3.4	96.6	100	.8	99.2
1959: 3rd quarter	100	1.5	.5	.5	7.3	90.2	100	3.5	96.5	100	1.0	99.0
4th quarter	100	1.5	.5	.4	6.7	90.9	100	3.5	96.5	100	.9	99.1
1960: 1st quarter	100	1.8	.5	.4	7.0	90.3	100	4.4	95.6	100	.9	99.1
2nd quarter	100	1.9	.5	.5	6.4	90.7	100	4.4	95.6	100	.9	99.1
3rd quarter	100	1.9	.5	.6	6.3	90.7	100	4.6	95.4	100	1.0	99.0
North Central												
April 1950	100	.7	.4	[4] 1.5	[4] 3.0	94.4	100	1.7	98.3	100	.7	99.3
3rd quarter: 1955	100	1.3	.4	.5	3.4	94.4	.....	([5])	([5])	.....	([5])	([5])
1956	100	2.0	.5	.6	4.2	92.7	100	5.9	94.1	100	.8	99.2
1957	100	1.8	.4	.5	5.5	91.8	100	5.4	94.6	100	.7	99.3
1958	100	2.2	.8	.5	5.5	91.0	100	6.7	93.3	100	1.3	98.7
1959: 3rd quarter	100	2.1	.6	.5	5.5	91.3	100	6.3	93.7	100	1.0	99.0
4th quarter	100	2.2	.8	.4	5.0	91.6	100	6.7	93.3	100	1.2	98.8
1960: 1st quarter	100	2.5	.7	.4	6.1	90.3	100	7.7	92.3	100	1.1	98.9
2nd quarter	100	2.5	.6	.5	5.8	90.6	100	7.5	92.5	100	1.0	99.0
3rd quarter	100	2.7	.6	.5	5.0	91.2	100	8.0	92.0	100	1.0	99.0
South												
April 1950	100	1.5	.5	[4] 1.9	[4] 3.6	92.5	100	3.4	96.6	100	1.0	99.0
3rd quarter: 1955	100	2.4	.5	.4	5.3	91.4	....	([5])	([5])	....	([5])	([5])
1956	100	2.9	.6	.5	6.2	89.8	100	7.7	92.3	100	1.0	99.0
1957	100	2.3	.5	.4	7.3	89.5	100	6.0	94.0	100	.9	99.1
1958	100	2.5	.6	.4	7.6	88.9	100	6.7	93.3	100	1.0	99.0
1959: 3rd quarter	100	3.2	.6	.4	7.3	88.5	100	8.8	91.2	100	1.1	98.9
4th quarter	100	2.9	.6	.4	7.1	89.0	100	8.0	92.0	100	1.1	98.9
1960: 1st quarter	100	2.9	.8	.4	7.4	88.5	100	8.3	91.7	100	1.3	98.7
2nd quarter	100	3.1	.8	.5	7.2	88.4	100	8.3	91.7	100	1.6	98.4
3rd quarter	100	3.1	.9	.4	7.0	88.6	100	8.9	91.1	100	1.5	98.5
West												
April 1950	100	2.0	.7	[4] 2.3	[4] 3.3	91.7	100	4.9	95.1	100	1.3	98.7
3rd quarter: 1955	100	3.0	1.0	.7	6.9	88.4	....	([5])	([5])	....	([5])	([5])
1956	100	3.1	.8	.7	6.2	89.2	100	7.9	92.1	100	1.5	98.5
1957	100	2.8	.6	.5	5.6	90.5	100	7.1	92.9	100	1.2	98.8
1958	100	2.9	.6	.5	5.5	90.5	100	7.5	92.5	100	1.1	98.9
1959: 3rd quarter	100	3.2	.8	.7	5.5	89.8	100	8.6	91.4	100	1.4	98.6
4th quarter	100	3.0	.4	.4	5.3	90.9	100	8.3	91.7	100	.7	99.3
1960: 1st quarter	100	3.5	.6	.4	5.3	90.2	100	9.7	90.3	100	1.0	99.0
2nd quarter	100	4.1	.7	.3	5.1	89.8	100	10.6	89.4	100	1.3	98.7
3rd quarter	100	3.9	.8	.6	4.9	89.8	100	10.2	89.8	100	1.4	98.6

See footnotes at end of table.

Table B-7.—Housing Vacancy Rates for the United States,[1] by Region[2] and Metropolitan[3] Areas—Con.

(Percent distribution)

Period	All dwelling units						Rental units			Home-owner units		
	Total	Vacant dwelling units				Occupied dwelling units	Total	Available for rent	Renter occupied or rented	Total	Available for sale	Owner occupied or sold
		Available for occupancy		Rented or sold	Other[4] vacant dwelling units							
		For rent	For sale									
Inside standard metropolitan statistical areas												
April 1950	100	1.1	.5	[4]1.2	[4]1.5	95.7	100	2.2	97.8	100	1.1	98.9
3rd quarter: 1955	100	1.7	.5	.6	2.4	94.8	.....	([5])	([5])	.....	([5])	([5])
1956	100	2.0	.5	.7	2.5	94.3	100	4.7	95.3	100	.9	99.1
1957	100	1.8	.4	.5	2.8	94.5	100	4.3	95.7	100	.7	99.3
1958	100	2.0	.5	.6	2.9	94.0	100	4.8	95.2	100	.9	99.1
1959: 3rd quarter	100	2.1	.6	.6	2.9	93.8	100	5.0	95.0	100	1.0	99.0
4th quarter	100	2.1	.6	.5	2.9	93.9	100	5.3	94.7	100	1.0	99.0
1960: 1st quarter	100	2.5	.6	.5	2.9	93.5	100	6.1	93.9	100	1.1	98.9
2nd quarter	100	2.6	.7	.5	2.9	93.3	100	6.3	93.7	100	1.2	98.8
3rd quarter	100	2.8	.7	.6	2.7	93.2	100	6.8	93.2	100	1.2	98.8
Outside standard metropolitan statistical areas												
April 1950	100	1.2	.4	[4]2.4	[4]6.0	90.0	100	3.2	96.8	100	.7	99.3
3rd quarter: 1955	100	2.0	.5	.4	9.1	88.0	.....	([5])	([5])	.....	([5])	([5])
1956	100	2.6	.6	.4	9.9	86.5	100	7.7	92.3	100	1.0	99.0
1957	100	2.2	.6	.4	10.9	85.9	100	6.7	93.3	100	.9	99.1
1958	100	2.5	.7	.4	11.8	84.6	100	7.7	92.3	100	1.2	98.8
1959: 3rd quarter	100	3.0	.7	.5	11.2	84.6	100	9.4	90.6	100	1.2	98.8
4th quarter	100	2.6	.6	.3	10.9	85.6	100	8.3	91.7	100	1.1	98.9
1960: 1st quarter	100	2.9	.6	.3	11.8	84.4	100	9.2	90.8	100	1.1	98.9
2nd quarter	100	3.0	.7	.4	11.0	84.9	100	9.4	90.6	100	1.2	98.8
3rd quarter	100	2.8	.8	.4	10.3	85.7	100	9.2	90.8	100	1.3	98.7

Source: Department of Commerce, Bureau of Labor Statistics. [1] Data for 1960 include Alaska and Hawaii. However, due to the small number of vacant units in the two states, the inclusion has a negligible effect on the vacancy rates. Thus, the data shown for 1960 can be regarded as being entirely comparable with data for earlier periods. [2] Composition of regions is shown below table A-3. [3] Distribution is based upon the 168 standard metropolitan statistical areas as defined at the time of the 1950 Census. [4] Includes units held off the rental or sale market, dilapidated units, and seasonal units for all periods except that of April 1950 when data for units held off the market were included with those rented or sold. [5] Not available.

Part C--Building Permits

See note at beginning of Part C in September 1960 issue for a description of the series now being presented.

Table C-1.--Summary of Private Construction Authorized by Building Permits in 10,000* Permit-Issuing Places in the United States:

Type of construction	Valuation *(in millions of dollars)*						Percent change	
	1960			August 1959	First 8 months		August 1959-60	1st 8 months 1959-60
	June	July	August		1959	1960		
All authorized construction**	1,939	1,802	1,975	1,909	15,384	13,751	+3	-11
New housing units†	1,125	991	1,058	1,203	9,498	7,935	-12	-16
New nonresidential buildings	558	586	677	473	4,132	4,095	+43	-1
Industrial buildings	97	131	152	115	701	778	+32	+11
Office buildings	95	99	109	62	728	699	+76	-4
Stores and other mercantile buildings	113	79	130	95	857	795	+37	-7
Religious buildings	54	62	45	46	376	376	-2	0
Residential garages	24	20	24	25	151	136	-4	-10
All other nonresidential buildings	175	197	218	130	1,320	1,313	+68	-1
Additions and alterations	228	202	208	186	1,518	1,526	+12	+1

Source: Department of Commerce, Bureau of the Census. *Estimated data for the entire universe of more than 10,000 permit-issuing places is based upon monthly reports from about 3,500 permit-issuing places which account for more than 90 percent of total permit-authorized construction. **Includes data for new nonhousekeeping residential buildings, not shown separately. ‡Housekeeping only. †Change of less than one-half of 1 percent.

Table C-2.--Authorized New Residential Construction in 10,000* Permit-Issuing Places in the United States: Valuation and Number, by Ownership and Type of Structure

(Housekeeping units only)

Ownership and type of structure	Valuation *(in millions of dollars)*					Number of housing units				
	1960		August 1959	First 8 months		1960		August 1959	First 8 months	
	July	August		1959	1960	July	August		1959	1960
All new housing units	1,023	1,094	1,209	9,718	8,158	89,178	96,674	107,279	882,109	717,244
Private (permit authorized)	991	1,058	1,203	9,498	7,935	86,155	93,507	106,432	861,906	697,697
1-family	829	886	1,050	8,140	6,705	65,859	70,077	85,394	670,585	533,097
2-family	26	29	153	1,358	223	3,255	3,721	21,038	191,321	28,632
3-4 family	17	15			118	2,498	1,948			16,138
5-or-more family	119	129			891	14,543	17,761			119,830
Public (contract awards)	33	35	6	220	223	3,023	3,167	847	20,203	19,547

See footnotes to table C-1 above.

Table C-3.—Authorized New Residential Construction in 3,014 Permit-Issuing Places in the United States: Valuation and Number, by Region, Ownership and Type of Structure

(Housekeeping units only)

Ownership and type of structure	Valuation *(in millions of dollars)*					Number of units				
	1960		August	First 8 months		1960		August	First 8 months	
	July	August	1959	1959	1960	July	August	1959	1959	1960
UNITED STATES										
All new housing units..	920.6	994.9	1,117.6	8,982.2	7,455.6	80,008	88,141	99,539	818,856	656,861
Private *(permit authorized)*	887.8	960.8	1,112.2	8,789.9	7,245.7	76,985	85,087	98,803	801,294	639,158
1-family	735.1	796.4	963.6	7,469.5	6,058.0	58,119	62,957	78,352	615,279	480,937
2-4 family	35.7	41.8	148.6	1,320.4	319.5	4,633	5,409	20,455	186,019	41,911
5-or-more-family	116.9	122.7			868.3	14,233	16,721			116,310
Public *(contract awards)*	32.8	34.1	5.4	192.3	209.9	3,023	3,054	736	17,562	17,703
Northeast										
All new housing units..	216.5	216.2	189.4	1,621.2	1,447.2	18,541	19,360	16,795	148,207	126,849
Private	195.9	193.6	187.5	1,539.7	1,353.8	16,741	17,400	16,545	140,588	119,116
1-family	135.5	141.7	154.0	1,174.1	1,002.8	10,422	10,788	12,299	95,069	76,588
2-4-family	11.5	10.8	33.4	365.5	87.6	1,421	1,433	4,246	45,519	11,047
5-or-more-family	48.9	41.0			263.4	4,898	5,179			31,481
Public	20.5	22.6	1.9	81.5	93.4	1,800	1,960	250	7,619	7,733
North Central										
All new housing units..	242.4	262.0	304.6	2,373.4	1,835.8	18,536	19,921	23,411	183,282	140,349
Private	239.5	256.3	304.6	2,345.0	1,787.6	18,205	19,435	23,411	180,935	136,135
1-family	213.7	226.7	272.5	2,100.3	1,584.7	15,315	16,159	19,960	152,364	112,374
2-4 family	7.8	11.3	31.7	244.4	78.9	883	1,198	3,453	28,573	8,081
5-or-more-family	17.9	18.4			124.0	2,007	2,078			15,680
Public	3.0	5.7	0	28.4	48.3	331	486	0	2,347	4,214
South										
All new housing units..	215.0	230.5	294.8	2,418.5	1,961.0	21,051	23,163	29,236	244,537	190,722
Private	205.9	226.1	291.3	2,378.5	1,923.8	20,167	22,685	28,750	240,023	186,937
1-family	189.2	200.5	260.8	2,166.6	1,753.3	17,045	18,456	24,066	203,677	157,945
2-4 family	4.1	4.9	30.6	212.0	44.0	710	915	4,684	36,346	7,989
5-or-more-family	12.6	20.6			126.4	2,412	3,334			21,003
Public	9.2	4.4	3.5	40.0	37.3	884	478	486	4,514	3,785
West										
All new housing units..	246.6	286.2	328.9	2,569.2	2,211.5	21,880	25,697	30,097	242,828	198,941
Private	246.5	284.8	328.9	2,526.9	2,180.5	21,872	25,567	30,097	239,748	196,970
1-family	196.7	227.5	276.3	2,028.7	1,717.2	15,337	17,574	22,025	164,167	134,030
2-4 family	12.2	14.8	52.6	498.2	109.0	1,619	1,863	8,072	75,581	14,794
5-or-more-family	37.5	42.6			354.4	4,916	6,130			48,146
Public	.1	1.4	0	42.3	31.0	8	130	0	3,080	1,971

Source: Department of Commerce, Bureau of the Census. *Composition of regions is shown below table A-3.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region* and Type of Construction

(Millions of dollars)

Type of construction	1960			August 1959	First 8 months		Percent change, 1st 8 mos. 1959-60
	June	July	August		1959	1960	
United States							
All authorized private construction**	1,737.9	1,582.5	1,734.2	1,743.6	14,053.4	12,369.1	-12
New housing units‡	1,022.1	887.8	960.8	1,112.2	8,789.9	7,245.7	-18
New nonresidential buildings	492.9	498.7	557.1	425.7	3,607.4	3,762.5	+ 4
Industrial buildings	82.9	91.1	76.7	103.1	630.9	611.5	- 3
Office buildings	81.7	94.9	102.2	55.4	654.7	644.0	- 2
Services stations and repair garages	10.7	9.5	11.7	Not available		79.4	.....
Stores and other mercantile buildings	104.9	73.5	117.6	85.7	771.6	748.0	-3
Religious buildings	42.9	39.9	41.8	41.8	338.6	297.5	- 12
Educational buildings	39.3	51.5	46.9	Not available		312.9	.....
Hospitals and other institutional buildings	41.1	24.5	37.6			239.5	.....
Amusement buildings	18.9	14.0	20.5			143.4	.....
Residential garages	20.6	17.1	20.4	21.8	133.2	117.5	- 12
All other nonresidential buildings	50.0	82.6	81.7	Not available		487.2	.....
Additions and alterations	195.8	173.6	185.4	162.7	1,328.9	1,330.1	(1)
Northeast							
All authorized private construction**	341.5	342.5	348.1	313.3	2,710.4	2,446.4	- 10
New housing units‡	187.4	195.9	193.6	187.5	1,539.7	1,553.8	- 12
New nonresidential buildings	106.2	108.0	112.0	86.8	852.9	824.9	- 3
Industrial buildings	21.8	19.9	17.5	19.8	246.0	135.0	- 45
Office buildings	16.9	13.3	31.1	7.3	261.5	161.2	-38
Service stations and repair garages	1.5	1.1	1.5	Not available		10.3	.....
Stores and other mercantile buildings	16.3	12.6	22.2	15.3	123.6	128.9	+ 4
Religious buildings	7.5	8.9	4.1	9.9	69.6	54.9	- 21
Educational buildings	15.9	26.5	16.6	Not available		129.0	.....
Hospitals and other institutional buildings	8.5	11.1	4.0			66.6	.....
Amusement buildings	4.4	2.9	3.0			35.1	.....
Residential garages	4.0	3.0	3.3	3.5	22.5	20.0	- 11
All other nonresidential buildings	9.6	8.7	8.7	Not available		83.8	.....
Additions and alterations	43.5	31.7	34.0	33.6	264.5	56.5	-79
North Central							
All authorized private construction**	450.8	438.1	469.9	477.3	3,648.5	3,072.8	-16
New housing units ‡	265.5	239.5	256.3	304.6	2,345.0	1,787.6	-24
New nonresidential buildings	124.8	146.1	157.1	117.0	853.9	950.3	+11
Industrial buildings	20.2	28.2	28.5	38.0	210.4	179.3	- 15
Office buildings	16.1	7.8	24.5	14.6	93.8	117.0	+ 25
Service stations and repair garages	3.1	3.5	4.2	Not available		24.4	.....
Stores and other mercantile buildings	21.4	17.1	29.0	19.5	165.8	163.7	- 1
Religious buildings	13.1	10.0	16.3	11.7	92.5	86.3	- 7
Educational buildings	12.5	18.4	18.2	Not available		100.4	.....
Hospitals and other institutional buildings	14.6	9.2	11.9			59.2	.....
Amusement buildings	3.2	3.2	1.9			26.0	.....
Residential garages	12.2	10.3	12.2	13.3	76.3	64.6	-15
All other nonresidential buildings	8.4	38.4	10.4	Not available		129.4	.....
Additions and alterations	49.9	48.8	51.3	38.4	332.7	329.7	- 1

See footnotes at end of table.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region* and Type of Construction—Con.

(Millions of dollars)

Type of construction	1960			August 1959	First 8 months		Percent change, 1st 8 mos. 1959-60
	June	July	August		1959	1960	
South							
All authorized private construction**	473.3	396.4	432.0	463.9	3,824.8	3,322.3	−13
New housing units‡	273.0	205.9	226.1	291.3	2,378.5	1,923.8	−19
New nonresidential buildings	142.9	139.4	149.0	116.5	971.4	1,030.6	+6
Industrial buildings	19.5	17.6	14.3	22.6	129.4	125.0	−3
Office buildings	27.0	51.1	22.5	17.6	137.6	196.6	+43
Service stations and repair garages	3.6	2.9	3.2	Not available		24.1	.....
Stores and other mercantile buildings	36.4	25.7	29.5	28.8	288.9	243.6	−16
Religious buildings	14.8	12.5	13.8	10.9	106.1	102.9	−3
Educational buildings	6.4	3.5	10.5	Not available		57.5	.....
Hospitals and other institutional buildings	13.8	1.4	7.9			54.7	.....
Amusement buildings	6.4	3.9	4.3			39.3	.....
Residential garages	2.0	1.7	1.8	1.9	14.2	14.3	+1
All other nonresidential buildings	13.2	19.1	41.2	Not available		172.4	.....
Additions and alterations	51.1	44.9	51.1	45.2	362.5	362.1	(1)
West							
All authorized private construction**	472.3	405.6	484.1	489.1	3,869.7	3,527.6	−9
New housing units‡	296.2	246.5	284.8	328.9	2,526.9	2,180.5	−14
New nonresidential buildings	118.9	105.2	139.1	105.4	889.6	956.8	+8
Industrial buildings	21.4	25.3	16.5	22.6	176.5	172.3	−2
Office buildings	21.7	22.7	24.1	15.8	161.8	169.2	+5
Service stations and repair garages	2.6	2.0	2.8	Not available		20.3	.....
Stores and other mercantile buildings	30.9	18.2	37.0	22.1	193.3	211.8	+10
Religious buildings	7.5	8.5	7.5	9.2	70.3	53.3	−24
Educational buildings	4.6	3.1	1.6	Not available		26.0	.....
Hospitals and other institutional buildings	4.2	2.8	13.8			59.0	.....
Amusement buildings	4.9	4.0	11.3			43.0	.....
Residential garages	2.4	2.1	3.1	3.1	20.2	18.6	−8
All other nonresidential buildings	18.8	16.5	21.4	Not available		183.4	.....
Additions and alterations	51.4	48.2	49.0	45.6	369.3	379.1	+3

Source: Department of Commerce, Bureau of the Census. * Composition of regions is shown below table A-3. ** Includes data for new nonhousekeeping residential buildings, not shown separately. ‡ Housekeeping only. [1] Change of less than one-half of 1 percent.

Table C-5.—New Private Nonresidential Building Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Number for Selected Types of Buildings

Type of building	1960							
	Jan.	Feb.	Mar.	Apr.	May	June	July	August
Industrial buildings	861	919	1,159	1,282	1,196	1,115	1,016	1,073
Office buildings	520	549	763	712	734	745	641	758
Service stations and repair garages	502	505	659	792	666	684	609	787
Stores and other mercantile buildings	1,775	1,874	2,375	2,666	2,477	2,541	2,003	2,200
Religious buildings	310	350	403	464	531	544	500	512
Educational buildings	74	93	128	141	162	169	282	245
Hospitals and other institutional buildings	44	63	86	80	121	136	77	102
Amusement buildings	164	168	263	395	377	423	279	281
Residential garages	4,678	5,210	7,903	18,544	19,779	18,973	16,435	19,683

Source: Department of Commerce, Bureau of the Census.

Table C-6.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by State

State	Valuation (in millions of dollars)						Percent change	
	1960			August 1959	First 8 months		August 1959-60	1st 8 months 1959-60
	June	July	August		1959	1960		
All States	1,737.9	1,582.5	1,734.2	1,742.8	14,052.6	12,370.2	(1)	-12
Alabama	18.5	13.0	15.4	18.4	152.6	121.2	- 16	-21
Alaska	2.7	1.6	5.7	2.3	9.1	14.8	+148	+ 63
Arizona	28.2	22.5	26.2	27.7	210.2	207.3	-5	-1
Arkansas	6.8	4.0	5.6	4.9	38.0	41.6	+ 14	+ 9
California	318.8	273.2	319.7	326.4	2,602.6	2,376.9	- 2	- 9
Colorado	21.3	23.6	23.4	28.3	203.3	169.4	- 17	-17
Connecticut	39.1	35.6	28.3	26.6	237.6	235.6	+ 6	- 1
Delaware	3.4	8.6	7.4	5.0	44.7	40.1	+ 48	- 10
District of Columbia	7.6	2.7	3.0	4.5	36.9	34.9	-33	- 5
Florida	123.4	75.8	83.1	95.9	797.5	733.0	-13	- 8
Georgia	27.0	23.0	24.9	27.9	229.9	210.5	-11	- 8
Hawaii	12.9	12.2	12.5	7.7	108.0	110.3	+62	+ 2
Idaho	3.7	3.5	2.6	4.0	28.6	22.8	- 35	- 20
Illinois	109.8	100.2	100.5	108.4	835.3	722.3	- 7	- 14
Indiana	39.3	27.2	28.3	38.8	280.1	227.2	- 27	- 19
Iowa	15.2	14.6	19.1	17.2	129.1	100.6	+ 11	-22
Kansas	12.4	10.9	11.6	13.1	115.6	84.2	-11	-27
Kentucky	16.7	11.2	11.2	15.8	116.6	93.6	-29	- 20
Louisiana	32.2	17.4	20.5	29.3	212.6	172.0	-30	- 19
Maine	4.8	2.8	3.4	3.6	24.2	23.3	- 6	- 4
Maryland	35.7	31.2	60.4	49.8	392.9	305.1	+21	-22
Massachusetts	40.4	42.2	48.1	40.8	353.1	294.6	+ 18	-17
Michigan	75.4	69.4	57.0	62.3	527.8	445.5	- 9	-16
Minnesota	31.1	25.5	47.8	31.6	234.2	202.5	+ 51	- 14
Mississippi	5.9	5.6	4.8	4.0	35.7	43.8	+ 20	+23
Missouri	27.7	54.4	31.8	51.9	297.7	240.0	-39	- 19
Montana	4.5	3.1	2.5	4.1	25.6	22.2	-39	-13
Nebraska	8.7	9.2	9.9	5.9	57.3	58.2	+ 68	+ 2
Nevada	7.7	7.3	7.6	7.1	49.9	65.2	+ 7	+ 31
New Hampshire	2.8	3.1	3.4	3.7	26.6	20.5	- 8	-23
New Jersey	60.8	55.5	57.7	54.3	463.0	423.0	+ 6	- 9
New Mexico	8.4	5.8	7.6	9.1	81.8	59.3	-16	- 28
New York	120.8	149.8	154.1	126.0	1,139.7	1,022.8	+ 22	-10
North Carolina	17.1	17.8	18.9	21.1	150.9	153.7	- 10	+2
North Dakota	3.6	3.9	3.7	5.8	28.6	24.7	- 36	- 14
Ohio	93.6	89.0	114.7	105.0	840.6	711.7	+ 9	- 15
Oklahoma	13.1	10.2	13.2	15.1	128.8	99.3	-13	- 23
Oregon	15.6	15.9	30.2	19.4	132.1	144.8	+ 56	+ 10
Pennsylvania	64.2	47.6	45.5	51.7	420.6	377.0	-12	-10
Rhode Island	8.0	5.2	6.9	5.8	38.9	45.6	+19	+17
South Carolina	5.3	4.9	4.3	13.7	85.3	43.1	- 69	-49
South Dakota	2.9	2.4	5.3	2.8	25.3	22.0	+ 89	-13
Tennessee	21.0	16.3	20.6	20.7	150.7	141.9	(1)	- 6
Texas	97.3	113.8	95.7	95.0	865.4	740.9	+ 1	-14
Utah	10.9	8.6	11.3	15.2	99.1	76.9	- 26	-22
Vermont	.7	.6	.7	.1	5.9	4.8	(2)	-19
Virginia	38.5	36.7	39.0	37.6	352.7	315.1	+4	- 11
Washington	35.0	25.8	31.4	34.8	302.5	237.4	-10	-22
West Virginia	3.7	3.9	4.2	5.2	33.4	32.8	- 19	- 2
Wisconsin	31.2	31.6	40.1	34.6	276.9	233.7	+ 16	-16
Wyoming	2.7	2.5	3.3	2.8	16.6	20.3	+18	+22

Source: Department of Commerce, Bureau of the Census. [1] Change of less than one-half of 1 percent. [2] Percent increase exceeds 300 percent.

Table C-7.—Number of Housekeeping Units in Authorized* New Residential Construction in 3,014 Permit-Issuing Places in the United States, by State

State	Number of housekeeping units						Percent change	
	1960			August 1959	First 8 months		August 1959-60	1st 8 months 1959-60
	June	July	August		1959	1960		
All states	88,987	79,690	88,141	99,539	818,855	656,543	-11	-20
Alabama	1,370	1,071	938	1,209	13,214	7,929	-22	-40
Alaska	72	23	53	30	148	239	+77	+61
Arizona	2,116	1,332	1,762	2,041	16,303	15,016	-14	-8
Arkansas	334	211	259	295	2,161	2,117	-12	-2
California	17,525	14,511	17,604	21,223	166,676	135,207	-17	-19
Colorado	1,468	1,504	1,666	1,527	11,513	11,141	+9	-3
Connecticut	1,516	1,187	1,387	1,494	12,815	10,829	-7	-15
Delaware	193	149	430	222	1,574	1,846	+94	+17
District of Columbia	62	66	24	55	574	1,211	-56	+111
Florida	5,885	4,888	5,431	7,594	60,273	48,460	-28	-20
Georgia	1,735	1,401	1,460	1,910	16,533	14,198	-24	-14
Hawaii	606	782	602	551	7,048	5,920	+9	-16
Idaho	126	133	105	206	1,243	905	-49	-27
Illinois	4,203	3,988	3,969	4,352	40,430	31,567	-9	-22
Indiana	1,819	1,523	1,275	2,180	14,038	10,559	-42	-25
Iowa	792	600	690	710	6,049	4,511	-3	-25
Kansas	487	539	745	630	6,014	4,038	+18	-33
Kentucky	861	657	487	910	6,331	5,045	-46	-20
Louisiana	1,507	776	961	1,755	12,114	7,762	-45	-36
Maine	162	150	162	163	1,102	968	-1	-12
Maryland	1,631	2,051	1,973	2,612	19,824	15,153	-24	-24
Massachusetts	1,903	1,821	1,860	1,740	13,777	13,210	+7	-4
Michigan	3,233	2,701	2,584	3,202	26,124	19,480	-19	-25
Minnesota	1,210	1,075	1,228	1,499	11,299	8,142	-18	-28
Mississippi	419	656	405	329	2,804	3,459	+23	+23
Missouri	1,616	1,741	1,628	2,778	18,115	11,786	-41	-35
Montana	172	90	162	134	1,145	975	+21	-15
Nebraska	622	556	567	404	3,816	3,695	+40	-3
Nevada	490	500	354	372	2,356	3,456	-5	+47
New Hampshire	154	147	184	165	1,390	1,014	+12	-27
New Jersey	4,764	2,837	4,002	3,256	28,516	24,073	+23	-16
New Mexico	549	491	374	587	5,896	3,542	-36	+40
New York	6,392	9,508	8,765	7,275	66,270	54,769	+20	-17
North Carolina	1,020	883	966	974	8,681	7,117	-1	-18
North Dakota	192	239	184	416	1,649	1,109	-56	-33
Ohio	4,604	4,134	5,566	5,332	40,549	33,535	+4	-17
Oklahoma	663	558	795	885	6,821	5,484	-10	-20
Oregon	929	667	796	754	6,202	6,219	+6	([1])
Pennsylvania	2,538	2,567	2,417	2,305	21,981	19,320	+5	-12
Rhode Island	366	308	560	350	2,091	2,499	+60	+20
South Carolina	244	208	221	319	2,805	1,845	-31	-34
South Dakota	155	105	122	141	1,271	860	-13	-32
Tennessee	1,136	982	1,418	1,356	12,205	9,975	+5	-18
Texas	4,771	3,848	4,700	6,002	53,050	38,389	-22	-28
Utah	645	525	585	698	5,329	4,330	-16	-19
Vermont	25	16	23	47	266	167	-51	-37
Virginia	2,469	2,159	2,564	2,634	24,132	19,336	-3	-20
Washington	1,384	1,169	1,421	1,843	17,787	10,847	-23	-39
West Virginia	150	187	131	175	1,441	1,096	-25	-24
Wisconsin	1,532	1,323	1,363	1,767	13,928	11,055	-23	-21
Wyoming	170	147	213	131	1,182	1,138	+63	-4

Source: Department of Commerce, Bureau of the Census. *In building permits and public housing contract awards. [1] Change of less than one-half of 1 percent.

Table C-8.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas*

Metropolitan area	Valuation *(in millions of dollars)*							
	1960							
	Jan.	Feb.	Mar.	Apr.	May	June	July	August
Atlanta, Ga.	15.3	13.0	19.6	18.5	25.3	19.8	13.3	16.7
Baltimore, Md	19.4	11.4	21.2	15.9	21.6	19.8	14.9	13.4
Birmingham, Ala	4.2	8.8	6.1	5.9	8.8	7.1	5.8	6.9
Boston, Mass	18.0	19.4	15.8	23.2	23.1	24.6	24.3	30.9
Buffalo, N. Y.	5.6	3.9	4.5	9.7	10.6	9.7	8.5	12.0
Chicago, Ill	36.7	50.3	60.8	84.3	100.9	93.6	83.1	79.0
Cleveland, Ohio	9.8	20.7	17.8	29.1	33.4	28.2	25.5	43.2
Columbus, Ohio	4.9	5.7	11.1	8.9	15.0	8.7	10.3	11.3
Denver, Colo	10.3	10.7	15.1	18.3	22.7	16.5	18.7	18.1
Detroit, Mich	18.8	24.7	30.9	34.3	35.7	40.3	43.0	31.5
Indianapolis, Ind	5.6	5.6	6.0	11.4	9.3	8.1	7.6	4.8
Los Angeles-Long Beach, Calif.	99.7	117.0	182.0	131.5	136.2	167.2	129.4	148.9
Miami, Fla	14.9	18.8	17.4	18.3	16.4	41.0	15.5	18.9
Milwaukee, Wis	7.0	12.4	12.9	16.4	14.5	14.5	15.4	17.9
New York, N. Y.	63.7	59.0	82.4	90.5	187.1	89.0	119.7	110.6
Philadelphia, Pa.	17.9	17.3	34.4	40.6	28.8	38.6	26.4	29.1
Phoenix, Ariz	14.3	14.1	24.2	18.6	18.5	20.4	18.2	20.2
San Diego, Calif	31.5	25.1	33.1	26.9	24.7	18.4	21.6	29.2
San Francisco-Oakland, Calif.	30.9	36.2	48.7	49.0	48.2	44.6	38.1	47.3
Seattle, Wash.	12.6	12.6	21.2	15.4	19.2	17.1	14.0	19.0
Washington, D. C	20.3	19.3	33.0	38.1	35.7	30.5	25.6	57.6

Source: Department of Commerce, Bureau of the Census. *As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959.

Table C-9.—Number of Housekeeping Units in Authorized* New Residential Construction in Selected Permit-Issuing Places in Selected Metropolitan Areas**

Metropolitan area	Number of housekeeping units							
	1960							
	Jan.	Feb.	Mar.	Apr.	May	June	July	August
Atlanta, Ga.	822	925	1,129	1,168	2,080	1,201	909	813
Baltimore, Md.	701	396	880	652	627	576	611	454
Birmingham, Ala	240	316	332	339	464	624	320	324
Boston, Mass.	765	1,091	532	868	807	893	882	833
Buffalo, N. Y.	163	135	236	470	475	460	368	582
Chicago, Ill.	1,634	2,325	3,384	3,652	4,752	3,531	3,329	3,166
Cleveland, Ohio	435	671	704	1,316	1,295	1,249	828	1,863
Columbus, Ohio	250	343	342	350	814	581	424	482
Denver, Colo	866	746	1,073	1,130	1,383	1,066	1,260	1,386
Detroit, Mich	770	1,270	1,260	1,593	1,674	1,596	1,475	1,407
Indianapolis, Ind.	204	270	355	587	522	479	556	163
Los Angeles-Long Beach, Calif.	5,221	6,428	8,543	7,932	7,351	8,151	5,732	7,437
Miami, Fla.	847	998	1,086	1,052	861	1,214	749	1,013
Milwaukee, Wis.	300	554	738	1,144	982	607	599	692
New York, N. Y.	4,086	2,630	4,350	5,806	8,650	4,964	6,533	6,575
Philadelphia, Pa.	1,093	942	1,989	1,968	1,985	1,676	1,866	1,383
Phoenix, Ariz.	1,148	1,251	2,089	1,328	1,465	1,628	1,113	1,448
San Diego, Calif	1,978	1,601	2,186	1,735	1,152	854	1,139	902
San Francisco-Oakland, Calif.	1,763	2,068	2,539	2,411	3,078	2,445	2,019	2,780
Seattle, Wash.	489	597	845	755	635	633	561	845
Washington, D.C.	1,092	1,055	1,687	2,121	2,762	1,450	1,779	1,959

Source: Department of Commerce, Bureau of the Census. *In building permits and public housing contract awards. **As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959.

Table C-10.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas*: Valuation for the Current Year, by Type of Construction

First 8 months (Millions of dollars)

Type of construction	Atlanta, Ga.	Baltimore, Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio
All authorized private construction**	141.5	137.6	53.6	179.3	64.5	588.7	207.7
New housing units ‡	82.6	62.8	26.1	76.4	36.4	330.2	133.0
New nonresidential buildings	43.1	53.5	17.5	71.3	19.4	185.4	53.8
Industrial buildings	8.2	9.5	2.9	10.1	4.9	44.8	10.3
Office buildings	9.9	5.3	4.0	13.4	1.8	27.7	5.9
Service stations and repair garages	1.3	.7	.2	.5	.8	4.1	1.0
Stores and other mercantile buildings	5.8	10.5	4.8	7.1	3.1	30.6	8.9
Religious buildings	8.7	4.3	1.7	6.5	1.2	11.2	2.2
Educational buildings	3.3	8.6	1.3	19.9	1.9	20.6	16.6
Hospitals and other inst. bldgs.	1.8	6.0	1.4	7.0	.1	16.9	.3
Amusement buildings	1.2	3.0	.6	3.2	1.5	5.0	.9
Residential garages	.1	.5	.2	.7	2.2	12.5	4.0
All other nonresidential bldgs.	2.8	5.1	.4	2.9	1.9	12.0	3.7
Additions and alterations	14.8	19.5	9.0	28.4	8.6	63.8	20.7

Type of construction	Columbus, Ohio	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles-Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.
All authorized private construction **	75.9	130.4	259.2	58.4	1,111.9	161.2	111.0
New housing units ‡	50.2	89.7	147.3	36.0	661.8	98.8	61.6
New nonresidential buildings	18.1	28.5	81.2	16.1	302.1	37.9	33.6
Industrial buildings	2.5	6.3	19.0	2.3	63.8	6.8	8.9
Office buildings	2.9	4.1	5.7	2.5	65.5	2.3	5.1
Service stations, etc	.5	.7	2.2	.4	4.1	1.1	.8
Stores, etc	5.3	6.7	14.0	5.0	66.4	11.4	4.4
Religious buildings	2.5	1.8	4.9	.7	11.7	2.2	2.3
Educational buildings	1.7	1.6	2.6	2.9	3.8	1.1	5.9
Hospitals, etc	.9	2.1	5.3	.1	11.2	3.5	2.1
Amusement buildings	.2	.7	2.8	.3	16.2	2.0	.3
Residential garages	1.3	1.4	12.4	.7	4.3	.8	2.4
All other nonresidential bldgs.	.3	3.1	12.3	1.2	55.1	6.7	1.4
Additions and alterations	7.2	12.2	29.2	5.5	137.1	19.4	13.7

Type of construction	New York, N.Y.	Philadelphia, Pa.	Phoenix, Ariz.	San Diego, Calif.	San Francisco-Oakland, Calif.	Seattle, Wash.	Washington, D.C.
All authorized private construction**	802.0	233.1	148.5	210.5	343.0	131.1	260.1
New housing units ‡	440.9	134.2	101.2	142.1	208.1	73.7	160.5
New nonresidential buildings	285.4	68.6	35.3	52.9	81.1	35.3	79.1
Industrial buildings	25.4	18.4	3.5	4.4	18.2	9.8	3.1
Office buildings	111.5	7.3	12.8	5.1	10.2	3.7	17.0
Service stations, etc	2.0	1.5	.8	.7	1.7	1.0	.8
Stores, etc	26.5	13.5	7.4	19.0	14.5	6.6	9.8
Religious buildings	13.1	6.0	2.4	2.3	6.7	2.2	6.0
Educational buildings	41.9	9.6	.2	.9	2.3	.1	2.7
Hospitals, etc	37.8	2.0	.4	5.8	12.5	4.9	4.0
Amusement buildings	11.7	2.2	.6	3.0	4.2	3.0	2.7
Residential garages	3.8	1.3	.1	1.8	1.1	.6	.3
All other nonresidential bldgs.	11.7	6.8	7.1	9.9	9.7	3.4	32.7
Additions and alterations	61.6	25.8	10.1	14.3	49.6	17.9	18.0

Source: Department of Commerce, Bureau of the Census. *As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959. **Includes data on new nonhousekeeping residential buildings, not shown separately. [1] Less than $50,000.

Part D.—Contract Awards

Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction*

(Millions of dollars)

Period	All public construction			Federally owned				
					Nonresidential buildings			
	Total	Federally owned	State and locally owned	Residential buildings	Total	Educational	Hospital and institutional	Administrative and service
1955	9,000.5	1,556.0	7,444.5	61.4	885.5	21.6	77.5	66.7
1956	10,423.1	2,088.3	8,334.8	136.0	924.3	27.1	43.9	87.3
1957	11,473.8	2,317.3	9,156.5	406.2	776.5	48.4	78.9	148.3
1958	13,508.1	2,959.4	10,548.7	592.0	987.7	51.7	95.2	183.9
1959	11,595.7	2,484.8	9,110.9	271.4	885.7	64.1	59.3	199.0
1959: August	927.4	185.7	741.7	53.4	25.8	1.7	2.0	3.2
September	823.4	150.1	673.3	26.2	53.4	25.8	.3	18.1
October	889.2	192.9	696.3	30.2	40.3	1.7	4.1	13.8
November	831.0	170.0	661.0	3.3	64.7	4.9	0	5.0
December	830.2	193.8	636.4	.2	35.6	1.2	1.3	6.1
1960: January	738.7	136.4	602.3	13.0	35.7	2.5	3.2	4.8
February	813.6	162.0	651.6	2.2	65.6	.4	1.7	18.3
March	1,140.1	221.2	918.9	15.0	116.7	4.1	1.0	70.3
April	1,076.8	166.3	910.5	7.8	45.7	4.5	.9	2.6
May	1,117.3	176.9	940.4	26.7	27.5	2.3	.6	5.5
June	1,424.2	332.3	1,091.9	28.6	108.7	4.0	27.7	10.2
July	1,133.1	59.4	1,073.7	10.7	20.7	.8	.3	8.9
August	1,048.9	98.7	950.2	26.9	19.5	.1	1.2	6.7
	Percent change, first 8 months 1959-60							
	+3	−24	+11	−38	−36	−39	−32	−18

Period	Federally owned—Con.							
	Nonresidential buildings—Con.							
	Other nonresidential buildings					Airfields**	Conservation and development	Highways
	Total	Airfield buildings	Troop housing	Warehouses	All other			
1955	719.7	103.8	54.1	84.0	477.8	157.4	271.9	58.5
1956	766.0	76.2	123.2	63.3	503.3	155.9	539.0	91.8
1957	500.9	98.9	60.9	35.0	306.1	182.2	563.8	91.5
1958	656.9	196.7	89.3	36.5	334.4	475.6	475.2	95.5
1959	563.3	179.2	45.6	22.1	316.4	333.4	528.5	85.9
1959: August	18.9	6.4	.7	.1	11.7	21.6	33.4	7.1
September	9.2	0	0	.2	9.0	8.6	26.0	9.1
October	20.7	1.2	.1	.2	19.2	4.6	22.8	5.0
November	54.8	2.0	.1	1.0	51.7	14.8	59.4	22.0
December	27.0	10.1	.7	3.6	12.6	66.3	63.6	6.2
1960: January	25.2	3.7	5.0	1.1	15.4	37.4	32.4	9.7
February	45.2	15.3	4.6	.3	25.0	40.4	33.6	5.7
March	41.3	7.2	6.4	.6	27.1	34.5	16.5	16.1
April	37.7	13.2	4.8	2.4	17.3	47.2	45.7	8.5
May	19.1	8.3	2.3	1.8	6.7	28.9	58.5	16.1
June	66.8	8.3	2.3	3.1	53.1	69.6	53.1	13.2
July	10.7	.5	.4	.6	9.2	3.1	7.8	10.8
August	11.5	2.9	0	.9	7.7	6.0	22.5	9.8
	Percent change, first 8 months 1959-60							
	−43	−64	−42	−37	−28	+12	−24	+106

See footnotes at end of table.

Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction*—Con.

(Millions of dollars)

Period	Federally owned—Con.		State and locally owned					
				Nonresidential buildings				
	Electric power	All other**	Residential buildings	Total	Educational	Hospital and institutional	Administrative and service	Other
1955	43.5	77.8	210.1	2,851.4	2,107.2	195.3	263.0	285.9
1956	177.5	63.8	253.2	3,202.8	2,289.0	278.9	320.8	314.1
1957	140.3	156.8	326.7	3,409.4	2,450.5	287.1	315.4	356.4
1958	137.8	195.6	479.7	3,576.2	2,407.6	334.5	455.6	378.5
1959	222.6	157.3	306.9	3,236.7	2,203.3	304.5	325.6	403.3
1959: August	28.2	16.2	19.8	282.2	184.2	20.9	34.2	42.9
September	14.6	12.2	31.2	255.8	173.4	25.5	18.0	38.9
October	81.4	8.6	26.0	262.0	204.7	12.6	19.3	25.4
November	.8	5.0	19.9	259.4	169.3	13.9	32.1	44.1
December	2.2	19.7	17.4	272.4	176.1	26.5	20.8	49.0
1960: January	5.5	2.7	13.6	215.7	161.4	16.1	16.7	21.5
February	5.2	9.3	32.7	220.0	140.5	15.3	35.9	28.3
March	8.9	13.5	38.4	355.0	259.6	25.9	40.2	29.3
April	1.9	9.5	23.8	304.0	209.0	21.7	41.8	31.5
May	9.9	9.3	39.9	358.9	265.8	31.7	34.0	27.4
June	30.6	28.5	55.5	365.3	236.0	38.9	52.4	38.0
July	2.8	3.5	47.0	318.0	213.3	23.7	45.6	35.4
August	7.8	6.2	49.7	308.2	221.8	17.5	36.0	32.9
	Percent change, first 8 months 1959-60							
	−41	−26	+42	+12	+15	−16	+29	−1

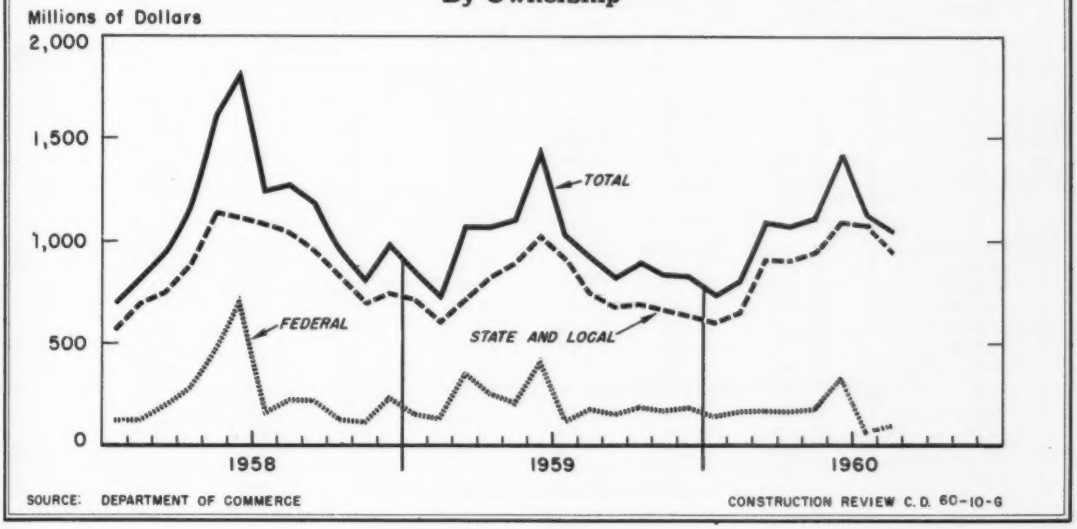
Period	State and locally owned—Con.								
	Highways	Sewer and water systems			Public service enterprises			Conservation and development	All other
		Total	Sewer	Water	Total	Electric power	Other		
1955	2,933.5	895.5	501.9	393.6	378.0	247.4	130.6	117.2	68.2
1956	3,211.6	1,100.0	658.9	441.1	336.5	227.2	109.3	139.3	91.4
1957	3,825.1	1,034.2	619.4	414.8	364.2	200.1	164.1	112.7	84.2
1958	4,489.3	1,050.0	708.2	341.8	669.5	450.0	219.5	123.3	160.7
1959	3,718.8	1,148.4	741.8	406.6	422.5	235.6	186.9	146.1	131.5
1959: August	287.0	93.2	64.0	29.2	28.0	15.0	13.0	18.9	12.6
September	248.7	82.7	53.2	29.5	29.4	19.2	10.2	13.0	12.5
October	256.9	90.0	53.4	36.6	24.2	9.3	14.9	22.9	14.3
November	281.4	61.0	45.5	15.5	26.6	11.8	14.8	6.3	6.4
December	231.6	79.4	57.4	22.0	16.5	4.5	12.0	12.4	6.7
1960: January	241.9	82.1	50.6	31.5	36.4	19.8	16.6	6.4	6.2
February	305.9	69.7	42.1	27.6	10.9	3.3	7.6	6.6	5.8
March	381.1	96.8	57.8	39.0	25.8	8.8	17.0	11.7	10.1
April	448.2	78.2	53.2	25.0	31.3	10.9	20.4	6.9	18.1
May	377.5	97.9	61.5	36.4	40.6	16.6	24.0	9.6	16.0
June	424.7	121.3	60.1	61.2	89.0	56.8	32.2	19.9	16.2
July	484.3	137.0	70.7	66.3	36.0	7.9	28.1	11.9	39.5
August	415.1	84.6	49.2	35.4	52.2	26.7	25.5	10.5	29.9
	Percent change, first 8 months 1959-60								
	+14	−8	−16	+6	−1	−21	+27	−9	+55

Source: Department of Commerce, Bureau of the Census. * Includes major force-account projects started, principally by TVA and State highway departments. ** Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned.

Chart 2.

Contracts Awarded for Public Construction

By Ownership



SOURCE: DEPARTMENT OF COMMERCE CONSTRUCTION REVIEW C.D. 60-10-6

Table D-2.—Contract Awards: Highway Construction, Value, by Ownership, Source of Funds, and Type of Facility *

(Millions of dollars)

Period	All highway construction	Federally owned	State owned					Locally owned**
			Total	Federally aided projects		Independent state projects		
				Total value	Federal funds	Total value	Toll facilities	
1955	2,992.0	58.5	2,559.8	1,256.1	667.4	1,303.7	694.9	373.7
1956	3,303.5	91.9	2,718.3	1,737.2	962.8	981.1	336.7	493.3
1957	3,916.6	91.5	3,311.0	2,390.4	1,613.9	920.6	343.0	514.1
1958	4,584.8	95.5	3,995.8	3,488.7	2,504.4	507.1	44.1	493.5
1959	3,804.7	85.9	3,212.6	2,638.1	1,876.7	574.5	59.2	506.2
1959: August	294.1	7.1	225.8	187.1	137.0	38.7	0	61.2
September	257.8	9.1	196.7	158.6	109.7	38.1	3.8	52.0
October	261.9	5.0	208.9	173.6	126.2	35.3	.1	48.0
November	303.4	22.0	253.3	225.4	160.8	27.9	0	28.1
December	237.8	6.2	217.5	175.6	121.2	41.9	3.7	14.1
1960: January	251.6	9.7	190.0	164.7	111.9	25.3	3.9	51.9
February	311.6	5.7	220.3	177.6	128.3	42.7	12.9	85.6
March	397.2	16.1	296.8	246.8	174.8	50.0	1.3	84.3
April	456.7	8.5	399.7	341.5	252.5	58.2	1	48.5
May	393.6	16.1	312.6	238.1	167.8	74.5	0	64.9
June	437.9	13.2	344.7	280.9	198.1	63.8	0	80.0
July	495.1	10.8	401.3	264.8	190.6	136.5	68.8	83.0
August	424.9	9.8	355.3	286.3	206.7	69.0	3.4	59.8
	Percent change, first 8 months 1959-60							
	+15	+106	+8	+5	+5	+21	+75	+53

Source: U.S. Department of Commerce, Bureau of the Census. *Includes force-account work started on Federal and State projects.
**By municipalities and counties.

Table D-3: Contract Awards: Value Reported by the F. W. Dodge Corporation

(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction	Building			Engineering			Dodge index of contract awards, seasonally adjusted (1947-49=100)
		Total	Residential	Nonresidential	Total	Public works	Utilities	
	Value *(in millions of dollars)*							
1956	31,612	24,070	12,862	11,208	7,542	5,428	2,115	.....
1957	32,174	24,333	13,040	11,293	7,840	5,464	2,375	.....
1958	35,090	25,644	14,695	10,948	9,446	6,802	2,644	.....
1959	36,420	28,672	17,195	11,477	7,747	5,813	1,933	.....
	12 months ending in–							
1959: September	36,792	28,672	17,345	11,326	8,121	6,099	2,021	269
October	36,633	28,653	17,270	11,382	7,979	6,023	1,955	278
November	36,447	28,589	17,172	11,416	7,858	5,910	1,947	231
December	36,420	28,672	17,195	11,477	7,747	5,813	1,933	244
1960: January	36,294	28,560	17,100	11,460	7,732	5,794	1,936	235
February	36,232	28,474	17,019	11,455	7,756	5,804	1,951	234
March	35,949	28,392	16,776	11,616	7,556	5,892	1,663	252
April	35,557	27,914	16,540	11,484	7,641	5,921	1,719	266
May	35,366	27,742	16,211	11,531	7,623	5,784	1,839	244
June	35,179	27,518	15,932	11,586	7,660	5,873	1,787	272
July	35,119	27,118	15,571	11,547	8,000	6,036	1,964	285
August	35,330	27,216	15,453	11,763	8,113	6,098	2,015	276
September	35,391	27,145	15,264	11,881	8,244	6,263	1,981	271
	Percent change, 12 months ending in–							
September 1959-60	–4	–5	–12	+5	+2	+3	–2	.....

Source: Table compiled by Department of Commerce (BDSA) from data published by the F. W. Dodge Corporation.

Table D-4: Contract Awards: Value Reported by the Engineering News-Record

(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction contract awards	Ownership		Type of construction					
				Buildings		Highways and bridges	Sewer systems	Water systems	Unclassified and all other
		Private	Public	Private industrial	Other				
	Value *(in millions of dollars)*								
1956	21,712	13,490	8,222	5,335	9,775	3,097	579	356	2,570
1957	17,986	8,386	9,600	3,081	7,791	3,745	556	369	2,444
1958	19,166	7,731	11,435	1,757	9,199	4,445	619	307	2,845
1959	20,279	10,388	9,891	2,981	9,992	3,456	653	373	2,824
12 months ending in–									
1959: September	19,947	9,539	10,408	2,662	9,539	4,060	548	372	2,668
October	19,819	9,720	10,099	2,711	9,624	3,815	646	372	2,654
November	20,165	10,080	10,085	2,888	9,837	3,712	661	378	2,691
*December	20,004	10,325	9,679	2,974	9,888	3,389	628	369	2,758
1960: January	19,868	10,352	9,515	2,970	9,795	3,347	641	357	2,759
February	19,955	10,381	9,573	3,004	9,820	3,393	641	336	2,762
*March	19,771	10,339	9,431	2,743	9,801	3,425	639	318	2,845
April	20,370	10,877	9,492	2,883	10,132	3,534	625	375	2,821
May	20,181	10,766	9,413	2,854	9,936	3,562	605	363	2,861
*June	20,839	11,269	9,570	2,866	10,390	3,517	607	382	3,078
July	20,647	11,359	9,288	2,921	10,414	3,407	603	388	2,917
August	20,963	11,508	9,455	2,899	10,686	3,473	587	385	2,937
*September	21,155	11,370	9,786	2,651	10,854	3,679	585	414	2,978
	Percent change, 12 months ending in–								
September 1959-60	+6	+19	–6	([1])	+14	–9	–10	+11	+12

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways–$44,000; other public works–$73,000; industrial buildings–$93,000; other buildings–$344,000. *Adjusted to 52 weeks. [1] Change of less than one-half of 1 percent.

Part E.—Costs and Prices

Table E-1.—Construction Cost Indexes

(1947-49=100)

Period	Department of Commerce composite cost index*	Monthly and quarterly component indexes									
		American Appraisal Co.	Associated General Contractors	E. H. Boeckh and Associates			Engineering News-Record		Bureau of Public Roads, highway	Geo. A. Fuller Co.	Turner Construction Co.
				Residences	Apartments, hotels, and office buildings	Commercial and factory buildings	Building	Construction			
Annual averages											
1955	125	129	136	123.9	130.6	131.9	139.3	146.5	106.1	124	123
1956	132	135	143	129.4	137.0	138.7	145.9	153.8	113.4	130	134
1957	137	141	149	131.8	141.2	143.7	151.2	160.8	118.1	136	142
1958	138	145	154	133.0	143.6	146.7	156.0	168.6	116.3	142	142
1959	141	150	160	137.4	148.6	151.8	162.8	177.0	114.4	147	145
Current indexes											
1959: June	141	150	160	137.9	149.2	152.5	163.0	176.6	113.3	145	144
July	141	150	161	138.2	149.6	152.8	163.9	178.7			
August	142	151	161	138.4	149.8	153.0	164.8	180.1	113.5	148	145
September	142	151	162	138.4	149.9	153.0	165.2	180.3			
October	142	151	163	138.4	149.9	153.0	165.1	180.2			
November	142	152	163	138.7	150.1	153.2	164.7	179.8	114.2	148	145
December	142	152	163	138.9	150.4	153.6	164.3	179.6			
1960: January	143	152	163	139.1	150.6	153.7	164.8	180.3			
February	143	152	163	139.8	151.5	154.4	165.1	180.5	111.0	149	145
March	143	152	164	139.5	151.1	154.2	165.0	180.7			
April	143	153	164	139.8	151.3	154.4	165.0	180.7			
May	143	153	164	140.1	151.8	154.9	165.8	182.7	110.5	150	145
June	144	153	165	140.3	152.1	154.9	166.4	183.5			
July	143	154	166	140.1	152.0	154.6	166.9	184.2	.....	.....	.....
August	143	154	166	139.8	151.8	154.3	166.8	184.4			
Percent change											
August 1959-60	+1	+2	+3	+1	+1	+1	+1	+2	[1] −2	[1] +3	[1] +1

Sources as stated above. *A composite of cost indexes, compiled by the Bureau of the Census, representative of the major types of construction weighted by the current relative importance of each type. Other component indexes, available annually or semi-annually, are included on an interpolative basis. [1] Second quarter 1959-60.

Table E-2.—Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities

(1947-49=100, unless otherwise noted)

Period	All construction materials	Lumber and wood products							
		Softwoods			Selected hardwoods	Millwork	Plywood		
		Douglas fir	Southern pine	Other			Group index	Softwood	Hardwood
	Annual averages								
1955	125.5	130.5	115.2	136.8	120.4	128.7	105.4	110.3	102.6
1956	130.6	129.9	119.2	137.4	126.0	129.1	101.7	100.8	104.7
1957	130.6	116.8	114.6	132.8	114.8	128.3	96.4	91.3	103.7
1958	130.5	114.6	112.8	129.4	114.4	128.2	97.1	91.8	104.5
1959	134.6	130.7	116.6	137.7	122.0	135.9	101.2	97.9	106.2
	Monthly indexes								
1959: September	135.0	132.8	118.5	142.2	123.1	138.7	96.6	89.1	106.5
October	135.0	130.4	118.6	139.6	122.8	138.7	96.5	89.1	106.3
November	134.6	124.9	118.5	137.7	123.3	138.1	94.5	85.3	106.3
December	134.9	126.9	118.4	135.7	123.9	137.9	97.2	90.4	106.3
1960: January	135.2	127.7	118.1	135.3	124.6	137.8	98.2	92.2	106.3
February	135.0	127.3	117.5	136.0	124.1	137.7	97.0	89.5	106.9
March	134.5	126.9	117.2	135.6	124.5	137.7	95.9	86.5	107.8
April	134.3	125.7	117.2	136.0	125.1	136.8	96.1	86.9	107.8
May	133.9	124.1	116.8	134.9	125.2	136.9	95.7	85.9	108.2
June	132.9	120.7	116.0	132.3	125.2	136.9	95.5	85.5	108.2
July	132.1	118.7	114.7	130.4	124.0	r137.2	95.5	85.5	108.2
August	131.4	r115.6	113.8	126.5	121.0	r136.7	94.7	84.0	108.2
September	131.3	114.4	113.0	126.1	120.5	136.1	95.9	86.3	108.2
	Percent change								
September 1959-60	-3	-14	-5	-11	-2	-2	-1	-3	+2

Period	Building paper and board			Prepared paint	Metals and metal products				
					Selected finished steel products				
	Group index	Insulation board	Hardboard**		Structural shapes	Reinforcing bars	Galvanized sheets, carbon	Black pipe, carbon	Wire nails, 8d common
1955	.....	130.9	.....	114.5	151.9	158.8	138.8	150.7	151.9
1956	.....	136.9	.....	120.0	162.9	169.7	148.2	168.7	165.3
1957	.....	141.5	.....	126.3	187.5	184.1	152.5	185.4	177.9
1958	143.2	144.5	99.3	128.3	195.4	190.8	156.6	191.5	182.2
1959	146.4	148.5	100.3	128.3	199.6	195.0	161.2	190.9	182.2
1959: September	147.6	150.4	100.4	128.3	199.6	195.0	160.4	190.9	182.2
October	147.6	150.4	100.4	128.3	199.6	195.0	161.6	190.9	182.2
November	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
December	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
1960: January	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
February	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
March	146.5	148.6	100.4	128.3	199.6	195.0	163.2	190.9	182.2
April	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	182.2
May	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	182.2
June	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	174.9
July	144.2	146.5	98.6	128.4	199.6	195.0	163.3	187.0	174.9
August	145.5	148.4	98.6	128.4	199.6	193.4	163.4	187.0	174.9
September	145.7	148.7	98.6	128.4	199.6	193.4	163.4	187.0	174.9
	Percent change								
September 1959-60	-1	-1	-2	(1)	0	-1	+2	-2	-4

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.

(1947-49=100, unless otherwise noted)

Period	Metals and metal products—Con.									
	Selected nonferrous metal products			Builders' hardware			Plumbing fixtures and brass fittings			
	Copper water tubing	Building wire, type RH-RW	Nonmetallic sheathed cable	Cabinet hinge	Door lock set	Butts	Group index*	Enameled iron fixtures	Vitreous china fixtures	Brass fittings
1955	156.5	126.6	96.5	127.6	128.9	168.4	125.4	130.3	118.9	126.5
1956	174.4	155.9	110.1	138.3	137.6	168.4	133.9	126.9	124.2	141.6
1957	151.2	132.7	84.0	137.5	147.1	168.4	130.2	126.1	124.2	137.4
1958	141.8	106.1	75.9	137.2	153.0	168.4	123.7	115.4	115.6	134.1
1959	149.4	126.9	87.7	136.7	155.1	168.4	130.1	120.7	122.6	142.2
1959: September	147.6	126.7	84.8	136.4	155.1	168.4	131.0	120.8	123.1	144.1
October	149.7	137.2	91.5	136.4	155.1	168.4	131.0	120.8	123.1	144.1
November	156.1	145.8	95.9	136.4	155.1	168.4	132.4	123.9	125.5	144.1
December	156.1	145.8	95.9	136.4	155.1	168.4	133.2	125.3	127.4	144.1
1960: January	156.1	145.8	95.9	136.4	155.1	168.4	134.0	126.8	129.4	144.1
February	156.1	143.7	94.5	136.4	155.1	168.4	133.9	126.8	129.4	143.9
March	156.1	132.8	85.4	136.4	155.1	174.6	133.9	126.8	129.3	143.8
April	156.1	132.8	85.4	140.2	155.4	175.0	132.1	124.4	124.4	143.8
May	156.1	129.1	85.7	140.2	155.4	175.0	132.7	126.7	125.0	143.4
June	151.4	120.3	77.7	140.2	155.4	175.0	131.3	126.7	121.3	142.6
July	151.4	r108.2	71.4	140.2	155.4	175.0	131.3	126.7	121.3	142.6
August	151.4	106.8	71.4	140.2	155.4	175.0	131.5	126.7	121.3	143.1
September	147.7	106.8	71.4	140.2	155.4	171.9	131.5	126.7	121.3	143.1
	Percent change									
September 1959-60	(1)	-16	-16	+3	(1)	+2	(1)	+5	-1	-1

Period	Metals and metal products—Con.								Machinery and motive products	
	Heating equipment					Fabricated structural metal products				
	Group index*	Steam and hot water	Warm air furnaces	Fuel burning equipment	Water heaters, domestic	Metal doors, sash and trim	Roofing**		Elevators and escalators	Fans and blowers, except portable
							Steel	Corrugated aluminum		
1955	115.0	134.3	121.3	105.2	109.1	139.4	.....	.....	120.8	149.0
1956	119.0	139.6	126.3	108.9	107.8	145.6	.....	.....	128.3	166.0
1957	122.1	146.7	128.2	113.3	106.8	140.6	.....	.....	138.3	176.3
1958	121.2	150.9	122.8	116.0	101.9	141.8	102.3	96.5	139.3	180.4
1959	121.7	154.8	123.5	115.7	99.5	135.2	105.2	96.3	139.5	182.5
1959: September	121.4	154.7	123.4	115.9	98.4	134.2	104.7	96.3	139.7	182.2
October	121.5	154.7	123.4	115.9	98.7	134.2	105.4	96.3	140.0	182.2
November	121.5	154.7	123.4	115.2	99.0	134.2	106.5	96.3	140.0	182.2
December	121.6	155.4	123.2	114.8	99.0	134.2	106.5	96.3	140.0	182.2
1960: January	120.9	155.4	122.5	114.8	97.2	134.5	106.5	99.4	140.0	182.2
February	120.3	155.4	121.9	115.1	94.9	134.6	106.5	100.9	140.0	182.5
March	120.1	155.4	122.0	115.4	93.8	134.8	106.5	100.9	140.0	182.5
April	120.1	155.4	122.0	115.4	93.9	132.6	106.5	100.9	140.0	182.5
May	120.2	155.6	121.8	115.4	93.9	131.6	106.5	100.9	139.9	182.5
June	120.0	155.6	121.9	115.8	92.6	131.8	106.6	100.9	139.9	182.5
July	118.7	154.7	121.3	115.8	88.8	131.8	106.6	100.9	140.3	182.5
August	118.8	154.8	121.6	115.8	88.8	131.8	106.6	r104.3	140.3	r184.2
September	119.3	154.8	121.6	116.1	91.0	131.8	106.6	106.1	140.3	183.5
	Percent change									
September 1959-60	-2	(1)	-1	(1)	-8	-2	+2	+10	(1)	+1

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities--Con.

(1947-49=100 unless otherwise noted)

Period	Nonmetallic minerals--structural								
	Flat glass		Concrete ingredients			Concrete products			
	Plate	Window	Group index	Sand, gravel, and crushed stone	Portland cement	Group index	Building block	Concrete pipe	Ready-mixed concrete**
1955	134.7	136.9	124.8	119.1	131.4	118.6	112.2	137.9	.....
1956	141.6	142.4	130.6	122.6	139.7	123.0	115.6	144.1	.....
1957	145.7	145.9	136.0	126.5	146.9	126.4	118.5	148.8	.....
1958	145.2	145.5	139.0	128.8	150.6	128.1	117.7	152.8	100.4
1959	144.7	145.3	140.3	129.9	152.2	129.7	117.5	159.1	101.6
1959: September	145.0	145.3	140.4	130.1	152.1	130.2	118.1	159.2	102.0
October	145.0	145.3	140.4	130.1	152.1	130.3	118.6	159.2	102.0
November	145.0	145.3	140.4	130.2	152.1	130.3	118.6	159.2	102.0
December	145.0	145.3	140.4	130.2	152.1	130.4	118.6	160.3	102.0
1960: January	145.0	145.3	142.0	130.5	155.1	130.5	119.1	160.3	102.0
February	145.0	145.3	142.0	130.5	155.2	131.1	120.1	160.3	102.4
March	145.0	145.3	142.1	130.7	155.2	131.0	120.1	160.3	102.3
April	145.0	145.3	142.1	130.8	155.2	131.3	120.4	160.6	102.6
May	137.3	135.8	142.1	130.8	155.2	131.5	120.4	160.6	102.7
June	137.3	135.8	142.1	130.7	155.2	131.3	120.4	160.5	102.6
July	137.3	135.8	r142.2	130.8	155.2	131.3	120.4	160.5	102.5
August	137.3	135.8	142.4	r131.0	155.1	131.1	120.4	159.4	102.5
September	137.3	141.1	142.2	136.0	155.1	131.0	120.4	160.1	102.3
	Percent change								
September 1959-60	-5	-3	+1	+1	+2	+1	+2	+1	(1)

Period	Nonmetallic minerals--structural--Con.								
	Structural clay products				Gypsum products				Prepared asphalt roofing
	Group index*	Building brick	Clay tile	Clay sewer pipe	Group index	Lath	Wallboard	Plaster, base coat	
1955	126.4	125.3	122.9	139.4	122.1	118.7	121.1	127.8	106.1
1956	133.2	132.9	127.2	149.3	127.1	123.5	124.9	136.2	111.7
1957	135.0	134.7	127.5	156.3	127.1	123.8	124.9	136.2	122.3
1958	135.9	135.6	128.6	158.2	132.1	127.8	129.5	143.2	112.8
1959	139.1	139.0	130.7	163.8	133.1	128.6	130.4	144.6	116.4
1959: September	139.5	139.4	130.7	165.6	133.1	128.6	130.4	144.6	110.8
October	139.4	139.4	130.7	164.8	133.1	128.6	130.4	144.6	110.8
November	139.7	139.4	131.3	164.8	133.1	128.6	130.4	144.6	113.6
December	139.9	139.9	131.3	164.8	133.1	128.6	130.4	144.6	113.6
1960: January	140.7	140.6	132.5	164.8	133.1	128.6	130.4	144.6	113.6
February	140.9	140.6	133.1	164.8	133.1	128.6	130.4	144.6	107.6
March	140.9	140.6	133.1	164.8	133.2	128.6	130.5	144.6	107.6
April	140.9	140.6	133.1	164.8	133.2	128.6	130.5	144.6	106.6
May	141.3	141.2	133.1	165.4	133.2	128.6	130.5	144.6	106.6
June	141.3	141.3	133.1	165.4	133.2	128.6	130.5	144.6	106.6
July	141.4	141.3	133.1	165.8	133.2	128.6	130.5	144.6	106.6
August	141.7	141.6	133.6	165.8	133.2	128.6	130.5	144.6	106.6
September	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
	Percent change								
September 1959-60	+2	+2	+2	+1	(1)	0	(1)	0	-4

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities–Con.

(1947-49=100, unless otherwise noted)

Period	Nonmetallic minerals–structural–Con.			Furniture and other household durables			
	Selected miscellaneous commodities			Kitchen cabinets, metal, base only	Linoleum, inlaid	Asphalt floor tile	Rubber floor tile
	Group index*	Insulation materials	Asbestos cement shingles				
1955	121.7	106.6	136.8	131.7	120.4	96.5	107.7
1956	125.3	101.5	146.8	138.1	126.1	106.3	110.6
1957	130.5	102.8	155.1	145.1	126.7	100.8	113.2
1958	134.1	103.9	160.8	151.3	128.6	97.2	114.9
1959	136.6	103.1	166.0	151.9	130.3	99.4	114.9
1959: September	136.9	102.9	167.0	151.6	130.5	100.4	114.9
October	136.9	102.9	167.0	152.7	130.5	101.5	114.9
November	136.9	102.9	167.0	152.7	130.5	101.5	114.9
December	136.9	102.9	167.0	152.7	130.5	101.5	114.9
1960: January	137.5	102.9	168.4	152.8	135.3	101.5	114.9
February	139.3	102.9	172.8	152.8	135.3	101.5	114.9
March	139.3	102.9	172.8	152.8	134.2	101.5	114.9
April	140.8	105.7	172.8	152.8	134.2	101.5	114.9
May	141.2	106.5	172.8	152.8	134.2	101.5	114.9
June	141.2	106.5	172.8	152.8	134.2	101.5	114.9
July	141.2	106.5	172.8	150.6	134.2	101.5	114.9
August	141.2	106.5	172.8	150.6	134.2	101.5	114.9
September	140.9	105.8	172.9	150.6	134.2	101.5	114.9
	Percent change						
September 1959-60	+3	+3	+4	−1	+3	+1	0

Source: Department of Labor, Bureau of Labor Statistics. *Includes items not shown separately. **Introduced Jan. 1958. Jan. 1958=100. [1]Change of less than one-half of 1 percent. [r]Revised.

Tables E-3 and E-4, Union Hourly Wage Scales for Selected Building Trades, are shown quarterly in the March, June, September, and December issues.

Table E-5: Union Hourly Wage Scales[1] for Selected Building Trades in 100 Cities

(As of July 1, 1960)

City	Bricklayers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
ALL PLACES:							
Estimated average rate	**$4.18**	**$3.77**	**$4.00**	**$3.54**	**$4.01**	**$4.01**	**$2.78**
Range in rate levels	**2.85–4.80**	**2.25–4.55**	**2.75–4.65**	**1.75–3.90**	**2.75–4.70**	**3.00–4.45**	**1.20–3.80**
Cents-per-hour increase, Apr. 1, 1960–July 1, 1960	*10.2*	*10.9*	*9.8*	*8.0*	*6.3*	*8.2*	*9.3*
Albuquerque, N. Mex.	$4.250	$3.490	$3.550	$3.050	$3.500	*$4.030	$2.200
Atlanta, Ga.	*4.000	* 3.350	3.750	3.300	* 3.500	3.700	* 2.000
Baltimore, Md.	4.100	* 3.600	* 3.850	3.400	3.850	r 3.840	2.225
Birmingham, Ala.	3.950	3.150	* 3.775	3.300	3.270	3.580	1.900
Boise, Idaho	3.850	* 3.250	* 3.750	* 3.150	3.150	* 3.700	* 2.550
Boston, Mass.	3.800	* 3.650	* 3.900	* 3.225	* 3.650	3.900	* 2.750
Buffalo, N. Y.	3.915	3.935	4.250	3.650	4.110	3.775	2.935
Burlington, Vt.	3.750	2.750	3.000	1.750	3.750	3.000	2.200
Butte, Mont.	3.750	* 3.350	3.550	* 3.370	3.500	3.650	2.550
Charleston, S. C.	* 2.850	2.750	* 3.250	2.000	2.750	3.400	1.250
Charleston, W. Va.	4.000	* 3.775	* 3.875	* 3.125	* 3.750	* 3.925	* 2.525
Charlotte, N. C.	3.200	* 2.500	3.000	(2)	* 2.750	3.250	1.450
Chattanooga, Tenn.	* 4.000	* 3.300	3.650	* 3.050	* 3.500	3.600	* 2.100
Cheyenne, Wyo.	* 4.000	3.140	* 3.680	3.000	* 3.500	* 3.600	2.200
Chicago, Ill.	* 4.400	* 3.910	4.100	* 3.750	* 4.000	* 4.050	3.025
Cincinnati, Ohio	* 4.025	* 3.900	* 4.095	* 3.550	* 3.875	3.850	* 2.900
Cleveland, Ohio	* 4.085	* 4.110	* 4.170	* 3.725	* 4.110	* 4.010	* 3.370
Columbia, S. C.	3.000	2.250	* 3.250	2.500	3.000	* 3.500	(2)
Columbus, Ohio	* 4.060	* 3.610	* 3.860	* 3.300	* 3.700	3.825	2.700
Dallas, Tex.	4.000	3.350	* 3.625	3.250	3.750	3.700	* 1.850
Dayton, Ohio	4.020	* 3.725	* 4.050	* 3.420	* 3.770	* 3.850	* 2.760
Denver, Colo.	4.000	* 3.600	3.900	3.250	* 3.825	3.950	2.320
Des Moines, Iowa	* 4.225	* 3.525	* 3.750	* 3.350	* 3.675	* 3.825	* 2.800
Detroit, Mich.	* 3.980	* 3.630	* 4.000	* 3.500	* 3.750	3.835	* 2.900
Duluth, Minn.	* 3.820	* 3.270	* 3.650	* 3.200	* 3.575	r 3.630	* 2.750
El Paso, Tex.	3.950	3.350	3.700	* 2.925	* 3.500	* 3.750	1.875
Erie, Pa.	* 4.100	* 3.615	* 3.875	* 3.250	* 3.700	* 3.875	* 2.675
Evansville, Ind.	3.850	3.375	* 3.760	* 3.100	3.720	3.600	2.500
Fargo, N. Dak.	* 3.900	* 2.850	3.100	* 2.750	3.400	3.050	2.150
Grand Rapids, Mich.	* 4.175	* 3.500	* 3.660	* 3.050	3.500	* 3.800	2.700
Hartford, Conn.	* 3.950	* 3.550	* 4.175	* 3.370	* 3.950	* 3.800	2.800
Houston, Tex.	4.000	3.440	* 3.925	3.225	* 3.750	* 3.625	2.050
Indianapolis, Ind.	* 4.000	* 3.550	* 3.850	3.400	3.700	* 3.850	2.450
Jackson, Miss.	3.500	3.000	3.400	2.750	3.000	* 3.650	1.500
Jacksonville, Fla.	3.600	3.150	3.650	* 2.900	* 3.500	* 3.650	(2)
Kansas City, Mo.	* 4.075	* 3.625	3.750	* 3.550	3.750	* 3.850	2.455
Knoxville, Tenn.	* 3.925	* 3.225	* 3.500	* 2.900	* 3.525	* 3.625	* 2.000
Lansing, Mich.	* 4.100	* 3.530	r 3.680	* 3.280	r 3.800	* 3.900	* 2.680
Las Vegas, Nev.	* 4.525	* 4.025	* 4.450	* 3.900	4.350	* 4.425	* 3.225
Little Rock, Ark.	3.700	3.200	* 3.475	* 3.063	3.400	3.425	1.750
Los Angeles, Calif.	* 4.200	* 3.825	* 4.650	* 3.730	* 4.250	* 4.330	* 3.080
Louisville, Ky.	3.875	3.500	3.750	3.325	* 3.600	3.750	2.450
Madison, Wis.	3.800	3.350	* 3.960	* 3.240	3.600	3.490	2.800
Manchester, N. H.	3.850	3.270	3.250	2.580	3.850	* 3.650	2.590
Memphis, Tenn.	3.800	3.200	3.575	* 3.150	* 3.500	* 3.710	* 1.750
Miami, Fla.	3.770	* 3.450	3.800	3.370	3.770	* 3.700	1.850
Milwaukee, Wis.	3.720	3.470	* 3.570	3.220	3.480	3.580	2.690
Minneapolis, Minn.	3.875	3.450	* 3.700	* 3.390	* 3.600	* 3.620	* 2.850
Mobile, Ala.	3.800	* 3.300	* 3.725	* 3.300	* 3.650	3.850	* 1.900
Montgomery, Ala.	3.250	2.750	3.100	2.750	r 2.750	3.350	1.200

See footnotes at end of table.

Table E-5: Union Hourly Wage Scales [1] for Selected Building Trades in 100 Cities–Con.

(As of July 1, 1960)

City	Bricklayers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
Nashville, Tenn.	* $3.800	$3.200	$3.425	* $3.100	* $3.500	* $3.700	$1.750
Newark, N. J.	* 4.650	* 4.500	* 4.500	3.850	* 4.650	4.250	* 3.600
New Haven, Conn.	* 3.850	* 3.550	3.925	* 3.450	* 3.850	* 3.900	2.800
New Orleans, La.	3.675	* 3.250	* 3.900	* 2.875	* 3.270	* 3.700	* 1.875
New York, N. Y.	* 4.800	* 4.550	4.150	3.500	4.700	4.450	* 3.800
Norfolk, Va.	3.750	* 2.900	* 3.550	* 3.050	* 3.500	3.450	1.580
Oakland, Calif.	* 4.150	* 3.725	4.205	* 3.670	3.840	4.350	* 3.045
Oklahoma City, Okla.	4.000	3.275	* 3.750	* 3.125	3.625	3.850	2.200
Omaha, Nebr.	* 3.950	* 3.550	* 3.850	* 3.150	* 3.750	* 3.830	* 2.475
Peoria, Ill.	* 4.325	* 3.900	* 4.100	* 3.600	* 4.175	* 4.150	* 3.250
Philadelphia, Pa.	* 4.250	* 3.885	4.375	* 3.375	4.150	* 4.100	* 2.600
Phoenix, Ariz.	* 4.100	* 3.775	* 4.200	* 3.350	* 4.165	* 4.250	* 2.715
Pittsburgh, Pa.	* 4.450	* 3.975	4.600	* 3.700	* 4.205	* 4.150	* 2.725
Portland, Maine	3.500	* 3.000	3.300	2.200	3.500	* 3.500	2.200
Portland, Oreg.	4.070	* 3.460	* 3.950	3.400	r 3.630	3.840	2.790
Providence, R. I.	3.925	* 3.400	* 3.700	* 3.050	* 3.925	* 3.650	* 2.650
Raleigh, N. C.	3.000	2.325	* 2.750	1.900	2.750	* 3.350	1.250
Reading, Pa.	* 3.900	* 3.325	3.850	* 2.925	* 3.600	* 3.550	* 2.385
Richmond, Va.	3.750	* 2.900	3.275	2.450	* 3.290	3.500	1.580
Rochester, N. Y.	* 4.160	* 3.825	* 4.120	* 3.550	* 4.160	* 3.700	* 2.860
Rock Island, Ill. (Dist.)	3.900	* 3.370	3.800	* 3.200	* 3.750	* 3.700	* 2.730
St. Louis, Mo.	4.050	* 3.825	4.110	3.690	3.800	4.000	* 2.875
St. Paul, Minn.	3.875	3.450	* 3.650	3.300	* 3.600	3.620	* 2.850
Salt Lake City, Utah	* 3.840	3.150	* 3.720	* 3.100	* 3.725	3.780	2.275
San Antonio, Tex.	3.730	* 3.250	* 3.625	3.000	3.625	* 3.640	* 1.600
San Diego, Calif.	* 4.350	* 3.825	4.350	3.540	* 4.225	* 4.330	* 3.080
San Francisco, Calif.	4.250	* 3.725	* 4.205	* 3.670	3.790	* 4.360	* 3.045
Santa Fe, N. Mex.	4.250	3.490	3.550	3.050	3.500	* 4.030	2.200
Savannah, Ga.	3.500	* 3.150	* 3.550	* 2.750	2.750	* 3.650	1.650
Schenectady, N. Y.	* 3.800	* 3.500	3.900	* 3.150	* 3.800	* 3.800	* 2.750
Scranton, Pa.	3.750	3.175	* 3.625	* 2.875	3.650	* 3.450	2.450
Seattle, Wash.	4.150	* 3.380	* 3.950	r 3.475	3.720	* 3.870	3.000
Shreveport, La.	3.900	* 3.050	* 3.725	2.900	3.625	3.600	1.725
Sioux Falls, S. Dak.	3.850	* 2.950	* 3.450	* 2.550	* 3.185	* 3.650	* 2.100
South Bend, Ind.	3.900	* 3.400	* 3.750	* 3.200	3.360	3.800	* 2.525
Spokane, Wash.	4.120	3.480	* 3.900	3.390	* 3.800	* 3.890	2.750
Springfield, Mass.	3.750	3.430	* 3.750	* 3.175	3.750	* 3.800	2.550
Syracuse, N. Y.	* 4.050	3.520	* 4.200	3.200	* 3.925	3.630	* 2.900
Tampa, Fla.	3.600	* 3.250	3.650	* 2.900	3.600	* 3.500	* 1.675
Toledo, Ohio	* 4.020	* 3.910	* 4.025	* 3.630	* 3.870	* 4.050	* 3.030
Trenton, N. J.	4.100	3.900	4.600	* 3.625	4.100	* 4.400	* 2.900
Tulsa, Okla.	4.000	* 3.400	* 3.900	* 3.300	3.625	* 3.900	* 2.380
Washington, D. C.	4.150	* 3.750	* 4.400	* 3.690	3.925	4.160	* 2.500
Wichita, Kan.	* 3.950	* 3.300	3.800	* 3.000	3.500	3.900	2.300
Wilmington, Del.	* 4.025	* 3.800	4.125	* 3.300	* 3.900	* 4.050	* 2.250
Worcester, Mass.	* 3.900	* 3.650	3.550	* 3.300	* 3.900	* 3.650	* 2.750
York, Pa.	3.500	* 3.050	* 3.625	* 2.650	* 3.500	* 3.550	* 2.050
Youngstown, Ohio	* 4.085	* 3.805	* 4.000	* 3.540	* 3.930	* 3.815	* 2.935

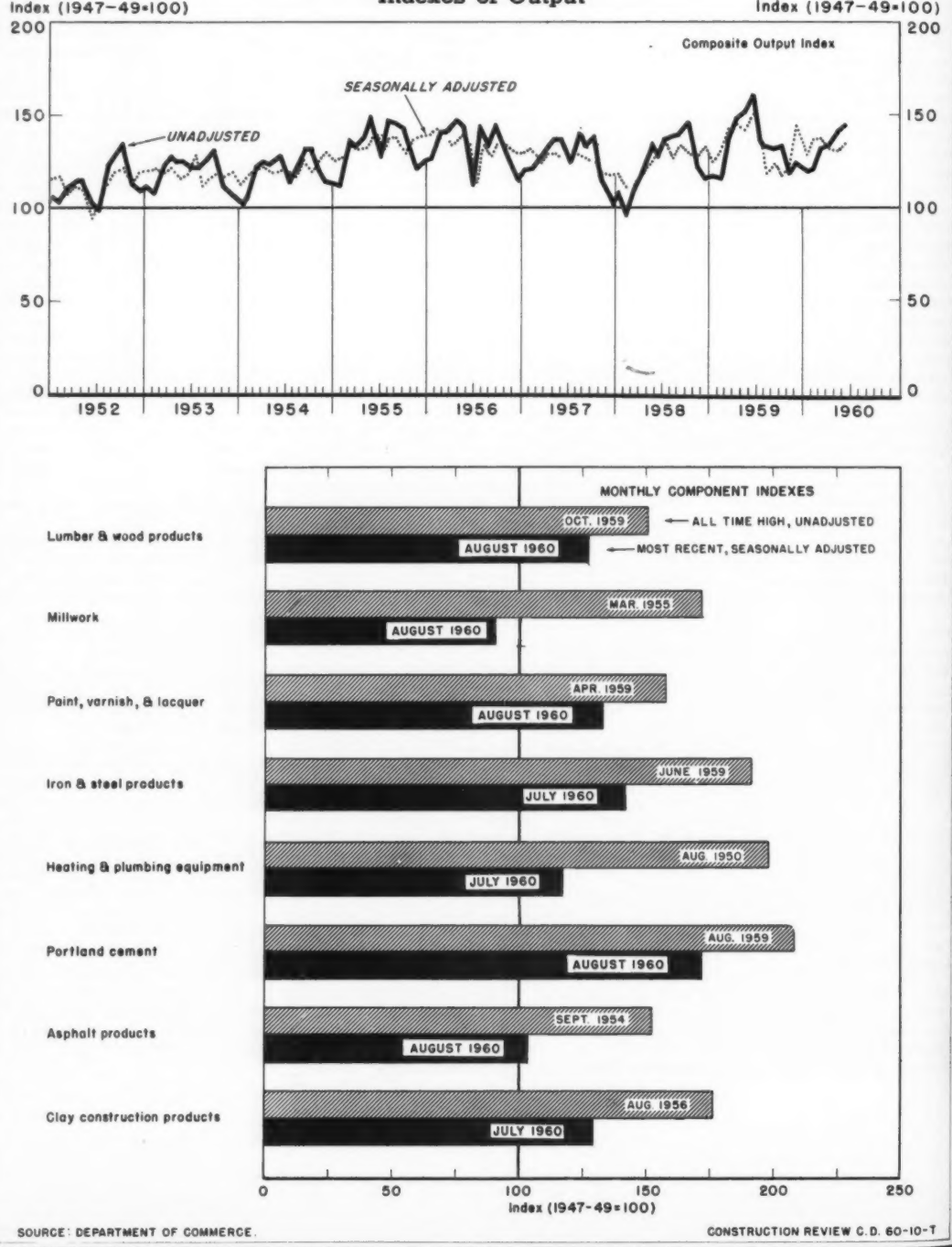
Source: Department of Labor, Bureau of Labor Statistics. * Represents an increase in rates between April 1, 1960 and July 1, 1960. r Indicates a correction of data reported for previous quarter. [1] These are basic scales representing minimum wage rates agreed upon through collective bargaining between employers and trade unions. Data on employer contributions to insurance (welfare) and pension funds, and for vacation and holiday payments are available upon request to the source agency. [2] No union scale in effect on survey date. [3] Includes Rock Island and Moline, Ill., and Davenport, Iowa.

Part F.—Construction Materials

Chart 4.

Construction Materials

Indexes of Output



SOURCE: DEPARTMENT OF COMMERCE.

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Table F-1.–Construction Materials: Indexes of Output, Unadjusted and Seasonally Adjusted

(1947-49=100)

Period	Composite	Lumber and wood products	Millwork	Paint, varnish and lacquer	Iron and steel products	Heating and plumbing equipment	Portland cement	Asphalt products	Clay construction products	Gypsum products	Plumbing fixtures
Annual averages											
1955	132.5	126.6	149.7	117.2	135.0	147.0	147.9	112.4	154.2	178.2	139.8
1956	133.6	128.0	132.9	117.2	141.6	137.1	157.7	101.8	160.0	170.4	128.5
1957	125.7	115.7	118.8	117.4	143.0	120.0	148.8	96.5	133.2	154.4	114.1
1958	125.5	122.0	108.4	124.9	123.6	126.6	155.3	102.6	132.3	172.5	117.9
1959	134.5	137.0	121.9	133.7	116.3	142.2	169.0	105.7	149.0	203.4	146.1
Unadjusted indexes											
1959: July	137.0	135.6	116.2	145.8	106.1	130.0	204.5	130.1	160.0		
August	r132.7	r143.8	142.9	141.3	73.9	151.7	208.2	121.1	157.2	228.7	145.3
September	131.9	146.0	140.4	139.9	64.1	172.6	195.0	132.5	164.8		
October	132.9	150.8	126.0	131.8	65.2	177.7	186.2	147.1	168.7		
November	118.2	130.4	92.5	109.8	87.7	126.4	156.1	80.7	151.3	190.7	149.5
December	124.8	130.2	78.1	108.0	125.4	116.2	144.2	64.8	146.2		
1960: January	119.4	127.2	79.9	115.6	125.6	94.4	112.4	59.0	128.0		
February	120.8	133.3	94.0	117.9	115.6	117.9	96.8	74.8	128.6	168.9	140.9
March	132.4	142.8	107.7	139.9	125.0	125.1	110.9	82.4	139.9		
April	135.3	137.3	104.0	145.3	129.0	119.3	162.6	84.5	144.6		
May	141.7	142.0	99.2	148.0	134.1	113.4	191.6	107.3	151.8	200.5	137.9
June	145.4	138.6	110.8	153.4	143.3	r133.4	187.8	121.5	153.7		
July	127.0	116.6	89.5	r136.8	125.0	111.3	191.3	122.1	134.3	.....	.....
August	n.a.	142.3	111.7	145.3	n.a.	n.a.	199.0	136.3	n.a.	.....	.....
Percent change											
July 1959-60	– 7	– 14	– 23	– 6	+ 18	– 14	– 6	– 6	–16	[1]– 8	[1]–10
June-July, 1960	– 13	– 16	– 19	–11	–13	– 17	+ 2	([3])	–13	[2]+19	[2]– 2
Seasonally adjusted indexes											
1959: July	141.5	r142.1	127.6	136.0	120.3	137.3	199.3	110.0	153.6	.....	.....
August	119.6	r128.5	116.7	129.3	71.3	135.9	179.6	91.7	141.9	.....	.....
September	125.4	141.3	125.7	139.6	64.5	131.7	174.3	115.5	158.9	.....	.....
October	116.7	133.8	108.5	125.2	59.1	138.6	160.8	115.7	147.1	.....	.....
November	123.8	137.4	98.0	128.0	88.7	128.8	156.7	93.2	146.0	.....	.....
December	144.8	155.6	93.3	136.0	132.7	151.3	153.2	102.7	154.9	.....	.....
1960: January	127.2	133.2	90.8	120.0	131.2	107.9	138.3	72.5	142.4	.....	.....
February	136.7	150.1	98.8	121.2	129.2	135.4	140.3	91.3	159.4	.....	.....
March	137.1	149.5	116.3	145.1	123.5	133.7	125.5	90.1	152.2	.....	.....
April	133.1	132.7	103.7	140.5	126.8	122.4	164.7	83.7	147.0	.....	.....
May	132.1	129.3	101.8	134.1	126.7	118.0	169.0	111.2	144.8	.....	.....
June	136.3	132.1	103.4	140.7	128.9	r136.5	171.8	114.7	149.4	.....	.....
July	131.1	122.2	98.2	r127.6	141.7	117.5	186.5	103.2	128.9	.....	.....
August	n.a.	127.2	91.3	132.9	n.a.	n.a.	171.7	103.3	n.a.	.....	.....
										.....	.....
Percent change											
June-July 1960	– 4	–7	– 5	– 9	+10	– 14	+ 9	– 10	– 14	.....	.....

Table compiled by the Department of Commerce (BDSA) from data reported by various government agencies and by private firms as shown in the tables following in Part F. n.a. Not yet available. r Revised. [1] 2nd quarter 1959-60. [2] 1st quarter–2nd quarter 1960. [3] Change of less than one-half of 1 percent.

Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber[1] (Million board feet)			Hardwood flooring[1] (Thousand board feet)			Douglas fir plywood[2] (million square feet)	Insulating boards[3] (Tons)	Hardboard (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1955	30,293	30,198	5,386	1,268,104	1,258,914	70,045	4,947	1,092,890	529,558
1956	30,661	29,964	6,087	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
1957	26,758	26,952	5,894	953,706	947,023	107,028	5,378	994,000	569,000
1958	27,381	27,665	5,613	927,294	922,789	99,111	6,340	1,026,790	608,623
1959	29,709	29,582	5,766	1,034,098	1,022,299	95,470	7,752	1,114,896	825,876
1959: August	2,571	2,573	5,101	89,749	89,446	75,307	689	r95,764	r75,058
September	2,694	2,556	5,239	92,346	90,570	76,548	642	100,745	73,738
October	2,671	2,518	5,420	93,985	87,322	82,277	742	99,084	78,422
November	2,299	2,075	5,643	80,379	72,515	87,645	666	76,729	65,004
December	2,387	2,266	5,766	81,167	73,217	95,470	610	76,043	60,657
1960: January	2,127	2,047	5,847	76,581	74,725	96,058	713	82,795	68,226
February	2,356	2,161	6,059	75,334	71,969	98,250	678	81,253	71,420
March	2,564	2,340	6,283	82,065	74,789	105,401	703	86,387	73,632
April	2,451	2,432	6,316	77,614	75,732	107,308	677	87,903	73,126
May	2,580	2,574	6,322	80,655	75,822	112,366	678	94,439	66,793
June	2,563	2,516	6,368	79,699	83,748	108,317	635	94,117	61,064
July	2,082	2,069	6,145	66,176	66,796	105,542	n.a.	89,144	57,810
August	2,574	2,476	6,238	81,648	83,017	102,427	n.a.	95,972	65,315
	Percent change								
August 1959-60	(4)	−4	+22	−9	−7	+36	.....	(4)	−13
12 mos. ending August 1959-1960	(4)	−6	.....	−5	−8	.....	.....	−3	+10

Table compiled by Department of Commerce (BDSA). Sources: [1] National Lumber Manufacturers Association; [2] Douglas Fir Plywood Association (monthly data are estimated from quarterly totals); [3] Department of Commerce, Bureau of the Census. [4] Change of less than one-half of 1 percent. *As of end of period. r Revised. n.a. Not yet available.

Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

Period	Millwork products				Paint, varnish, and lacquer[2]
	Ponderosa pine doors[1]	Hardwood doors[1]	Sash[1]	Exterior frames[1]	
	Shipments (Thousands of units)				Production for trade sales (Thousands of gallons)
1955	[3]2,253	[3]6,786	[3]12,734	[3]7,260	312,510
1956	[3]2,035	[3]6,404	[3]10,551	[3]5,680	312,541
1957	2,028	5,611	9,887	5,273	313,128
1958	1,829	4,308	9,432	6,247	333,100
1959	2,474	4,613	11,049	7,118	356,700
1959: August	230	436	1,053	755	31,400
September	228	450	1,032	686	31,100
October	221	377	1,059	623	29,300
November	173	292	768	408	24,400
December	145	254	614	338	24,000
1960: January	139	265	587	356	25,700
February	179	315	668	397	26,200
March	199	371	650	471	31,100
April	195	336	658	498	32,300
May	161	321	700	486	32,900
June	188	325	824	602	34,100
July	118	289	596	485	r30,400
August	170	348	850	577	32,300
	Percent change				
August 1959-60	−26	−20	−19	−24	+3
12 mos. ending August 1959-60	−13	−18	−22	−19	(4)

Table compiled by Department of Commerce (BDSA) Sources: [1] National Wood Work Manufacturers Association (whose data are from member firms only and are not adjusted to represent full coverage); [2] Department of Commerce, Bureau of the Census. [3] Production Special tabulations prepared by the source agency indicate only minor differences between production and shipments. See note to table F-3 in the April 1959 issue. [4] Change of less than one-half of 1 percent. r Revised.

Table F-4: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

Period	Selected steel mill products[1]						Cast-iron pipe[2] and fittings		Rigid steel conduit[3]	Fabricated structural steel[4]		
	Line pipe	Concrete reinforcing bars	Galvanized sheets	Nails	Piling	Rails	Pressure	Soil	Domestic sales billed	Shipments	Bookings	Backlog*
	Shipments											
1955	3,084	2,164	2,864	651	391	1,234	1,682	870	281	3,659	4,651	1,029
1956	3,376	2,518	2,958	557	433	1,300	1,747	818	359	3,780	4,736	1,313
1957	4,219	2,300	2,393	447	570	1,283	1,351	758	353	4,180	3,073	1,125
1958	2,608	2,034	2,827	418	440	580	1,278	784	327	3,664	2,773	1,135
1959	2,803	2,174	2,771	392	341	632	1,441	862	295	2,904	3,223	1,194
1959: August	(5)	(5)	(5)	(5)	(5)	(5)	146	80	25	220	197	1,093
September	(5)	(5)	(5)	(5)	(5)	(5)	143	76	17	183	284	1,093
October	(5)	(5)	(5)	(5)	(5)	(5)	140	69	10	195	244	984
November	136	163	197	34	20	12	96	60	12	181	260	1,162
December	268	213	302	44	44	59	92	51	31	236	366	1,194
1960: January	283	185	323	43	46	106	87	57	34	209	221	1,199
February	234	140	290	34	37	81	76	50	26	241	289	1,269
March	239	145	329	28	37	89	83	56	17	277	343	1,237
April	245	165	296	23	41	90	119	69	16	287	345	1,339
May	270	192	288	26	26	96	136	75	21	285	270	1,299
June	273	210	276	77	44	75	145	80	23	333	268	1,276
July	r 243	183	239	23	35	47	121	67	21	301	270	1,258
August	247	223	227	29	32	39	n.a.	n.a.	23	332	262	1,227
	Percent change											
August 1959-60	.....	.....	.....	....	.....	.....	[6] −9	[6] −15	−9	+51	+33	+12
12 mos. ending August 1959-60	.....	.....	.....	....	.....	.....	[7] −1	[7] −10	−25	−6	+13	.....

Table compiled by Department of Commerce (BDSA). Sources: [1] American Iron and Steel Institute; [2] Department of Commerce, Bureau of the Census; [3] National Electric Manufacturers Association; [4] American Institute of Steel Construction, Inc. *Scheduled for fabrication in the next 4 months. [5] No data available because of the steel strike. [6] July 1959-60. [7] 12 months ending July 1959-60. rRevised. n.a. Not yet available.

Table F-5: Heating and Plumbing Equipment: Shipments and Stocks

(In thousands of units, except as noted)

Period	Gas water heaters		Cast-iron convectors and radiators (Thousand sq. ft.)		Furnaces				Residential oil burners, sold separately
					Warm air (all types and fuels)		Floor and wall		
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments
1955	2,634	188	30,863	4,884	1,406	208	615	73	610
1956	2,712	134	29,567	3,810	1,355	218	492	70	532
1957	2,825	79	24,892	3,482	1,131	183	469	65	425
1958	2,911	141	22,350	3,993	1,235	169	495	47	382
1959	2,995	105	23,559	5,181	1,435	183	573	50	411
1959: July	250	56	1,892	4,756	128	247	46	66	33
August	257	45	2,046	4,613	153	222	53	64	40
September	247	69	2,725	3,859	173	204	62	55	49
October	280	53	2,720	3,270	175	180	72	52	49
November	203	42	2,196	2,869	122	165	54	45	30
December	195	105	1,479	5,181	88	183	39	50	20
1960: January	202	49	1,151	3,483	78	175	28	56	26
February	202	64	1,363	3,654	80	202	28	58	27
March	231	77	1,483	4,213	83	230	34	64	23
April	203	77	1,212	4,648	87	252	36	70	23
May	193	69	1,247	4,908	88	265	34	74	24
June	238	89	1,471	4,976	107	275	33	82	21
July	262	49	1,347	4,334	99	260	34	80	19
	Percent change								
July 1959-60	+5	−12	−29	−9	−23	+5	−25	+20	−41
12 mos. ending July 1959-60	−10	.....	−15	.....	−3	.....	−9	.....	−15

Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. *As of end of period.

Table F-6, Plumbing Fixtures, is published quarterly in the January, April, July and October issues.

Table F-7: Portland Cement: Production and Shipments in the United States and Puerto Rico; Destination of Shipments by Geographic Division; Stocks

(Thousands of barrels)

Period	Production	Total shipments*	Destination of shipments*									Stocks**
			New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	
1955	296,829	296,275	11,843	44,814	60,030	32,650	35,299	14,646	35,432	12,843	39,607	17,536
1956	316,465	311,571	13,234	45,273	66,433	32,920	37,156	15,268	35,916	14,178	43,098	22,412
1957	298,424	292,240	12,773	41,413	61,858	28,772	36,272	14,251	33,078	14,384	40,522	28,550
1958	311,471	309,699	10,679	42,287	63,650	34,867	37,979	14,908	37,622	16,717	43,340	30,800
1959	339,091	338,350	10,522	44,744	68,886	37,294	44,823	17,421	40,623	18,045	47,281	31,328
1959: August	34,800	37,111	1,188	5,178	8,882	4,647	4,367	1,815	3,729	1,941	4,650	r28,102
September	32,590	35,351	1,080	5,017	9,054	4,133	4,101	1,950	3,323	1,709	4,234	25,341
October	31,127	32,523	1,003	4,528	7,525	4,030	3,882	1,578	3,371	1,563	4,317	23,912
November	26,100	22,219	783	3,043	3,808	1,777	3,453	1,135	2,861	1,158	3,552	27,794
December	24,111	20,577	641	2,429	3,387	1,807	3,260	1,079	2,772	1,183	3,332	31,328
1960: January	r18,787	12,909	400	1,817	1,393	574	2,418	652	1,863	782	2,440	37,088
February	r16,182	14,698	420	1,930	1,812	772	2,514	814	2,096	969	2,774	38,666
March	18,538	17,812	476	2,033	2,082	893	2,526	934	3,062	1,394	3,759	39,163
April	27,185	27,638	933	3,900	4,860	2,576	3,929	1,668	3,586	1,617	3,823	38,542
May	32,033	30,468	1,001	4,438	6,227	3,074	4,095	1,632	3,565	1,732	3,903	40,085
June	31,390	34,363	1,120	5,115	7,869	3,937	4,287	1,699	3,529	1,786	4,143	37,667
July	31,982	32,964	1,064	4,635	7,946	4,215	3,854	1,672	3,114	1,629	4,035	36,685
August	33,270	36,623	1,131	4,994	8,979	4,979	4,196	1,859	3,283	1,907	4,479	33,258
	Percent change											
August 1959-60	-4	-1	-5	-4	+1	+7	-4	+2	-12	-2	-4	+18
12 months ending—August 1959-60	-5	-7	-7	-2	-5	-16	-4	-3	-13	-6	-6	.....

Table compiled by Department of Commerce (BDSA) from data reported by Department of Interior Bureau of Mines. *Data on shipments to Alaska, Hawaii, and foreign countries and data on finished cement used in the manufacture of prepared masonry cement are included in total shipments but are excluded from regional data. r Revised.

Table F-8.—Shipments of Asphalt Products and Gypsum Products

Period	Asphalt products (thousands of squares)[1]				Gypsum products[2] (million square feet)	
	Prepared roofing	Siding	Insulated brick siding	Saturated felts[3]	Board	Lath
1955	62,582	1,288	2,195	34,629	4,946	2,940
1956	57,590	1,208	2,055	29,774	4,824	2,675
1957	53,326	1,036	1,764	30,761	4,505	2,224
1958	58,228	1,040	1,616	31,840	5,263	2,155
1959	59,528	935	1,516	34,225	6,343	2,346
1959: August	5,885	86	168	2,915	1,767	683
September	6,492	107	165	3,180		
October	7,216	122	145	3,669		
November	3,752	76	93	2,220	1,501	529
December	2,866	51	59	2,053		
1960: January	2,632	52	46	1,865		
February	3,322	63	56	2,394	1,338	456
March	3,746	56	72	2,496		
April	4,017	48	89	2,282		
May	5,268	62	106	2,703	1,607	515
June	5,981	72	132	2,988		
July	6,002	78	112	3,090	.....	.....
August	6,738	84	142	3,333	.....	.....
	Percent change					
August 1959-60	+14	-2	-15	+14	[4] -4	[4] -19
12 mos. ending—August 1959-60	+1	-11	-25	-1	[5] -4	[5] -5

Table compiled by Department of Commerce (BDSA). Sources: [1] Department of Commerce, Bureau of the Census; [2] Department of Interior, Bureau of Mines (quarterly). [3] Includes data for tar saturated as well as asphalt saturated felts. [4] 2nd quarter 1959-60. [5] 12 mos. ending June 1959-60.

Table F-9.—Clay Construction Products: Production and Shipments

Period	Brick, common and face (million brick)		Structural clay tile (thousand tons)		Vitrified clay sewer pipe (thousand tons)		Hollow facing tile (million brick equivalent)		Floor and wall tile, glazed and unglazed (thousand square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1955	7,902	7,741	935	929	2,112	2,056	534	522	233,001	232,802
1956	8,085	7,382	862	750	2,154	2,039	576	535	245,996	227,369
1957	6,658	6,306	687	641	1,836	1,629	465	441	216,552	211,635
1958	6,489	6,459	574	543	1,773	1,772	484	453	221,768	215,710
1959	7,336	7,258	551	521	2,025	1,973	445	412	258,631	252,545
1959: July	691	718	50	51	186	196	41	40	20,742	22,268
August	675	687	50	48	176	199	39	36	21,253	21,999
September	692	690	48	46	186	194	38	35	23,388	22,282
October	695	654	49	44	191	186	39	38	24,720	23,956
November	620	543	48	35	161	146	35	31	23,080	20,612
December	572	464	38	34	166	131	35	30	23,037	20,411
1960: January	479	351	39	34	145	107	28	26	21,528	18,685
February	476	370	36	34	149	106	29	27	21,665	18,417
March	525	391	36	36	160	116	33	27	23,246	20,273
April	600	644	44	50	159	175	31	32	21,473	19,188
May	651	673	45	50	167	177	34	37	21,247	20,417
June	651	686	47	47	184	191	36	38	20,549	22,108
July	571	588	46	45	165	180	35	36	17,095	19,361
	Percent change									
July 1959-60	-17	-18	-9	-11	-11	-8	-16	-11	-18	-13
12 mos. ending July 1959-60	+1	-7	-8	-8	+2	-2	-13	-11	+9	+4

Table compiled by Department of Commerce (BDSA).

Part G.—Contract Construction Employment

Table G-1.—Number of Employees by Type of Contractor

Period	All contractors*	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades					All nonbuilding contractors	Highway and street	Other heavy construction
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
	Number of employees *(in thousands)*										
1955	2,759	2,243	922.6	1,320.8	317.0	162.3	168.4	673.1	516	232.4	284.0
1956	2,929	2,336	970.0	1,366.0	328.7	170.9	186.2	680.2	593	257.9	335.3
1957	2,808	2,222	869.3	1,352.7	321.7	164.2	188.9	677.9	586	250.1	335.6
1958	2,648	2,079	750.6	1,328.6	303.6	169.6	173.2	682.2	569	256.0	313.2
1959	2,788	2,183	757.9	1,424.7	310.5	201.4	174.2	738.6	584	271.2	312.7
1959: August	3,132	2,419	849.5	1,569.8	330.8	246.9	184.2	807.9	688	347.2	340.4
September	3,068	2,383	827.7	1,555.2	329.1	239.9	185.1	801.1	660	329.5	330.8
October	2,985	2,327	801.6	1,524.9	322.6	228.4	181.1	792.8	634	309.5	324.0
November	2,877	2,269	764.8	1,504.6	314.5	222.0	180.1	788.0	587	270.8	316.6
December	2,719	2,181	725.5	1,455.2	308.6	204.9	176.3	765.4	518	220.5	297.0
1960: January	2,472	2,016	660.5	1,355.1	296.6	183.5	171.0	704.0	437	170.0	267.3
February	2,408	1,960	638.7	1,321.7	287.5	178.2	169.3	686.7	429	167.5	261.4
March	2,331	1,896	609.8	1,286.6	281.2	179.9	165.3	660.2	416	161.5	254.8
April	2,611	2,088	705.4	1,382.7	291.1	196.3	170.0	724.3	502	222.0	279.7
May	2,853	2,236	774.2	1,461.9	304.2	222.0	176.5	759.2	594	284.2	310.1
June	3,002	2,334	816.8	1,517.6	311.3	234.2	187.9	784.2	643	315.0	328.1
July	r3,125	r2,439	r857.9	r1,580.6	315.5	r251.6	r199.6	813.9	r659	r320.1	r338.7
August	r3,143	2,467	860.9	1,606.1	320.3	253.1	207.7	825.0	649	320.0	329.0
September	**3,085										
	Percent change										
July-August 1960	+.6	+1.1	+.3	+1.6	+1.5	+.6	+4.1	+1.4	-1.5	-.03	-2.9
12 mos. ending in August 1959-60	(1)	+3.6	+.3	+5.3	-.1	+15.3	+3.5	+5.9	-4.5	-5.6	-3.5

Source: Department of Labor, Bureau of Labor Statistics. *Beginning with January 1959 data includes estimated data for Alaska and Hawaii. No estimates are available by type of contractor. **Preliminary estimate, not available by type of contractor. Percent change: August-September 1960, -1.8; September 1959-60, +.6. [1] Calculations will not be made until December 1960 when comparable 50-state, 12-month moving totals will be available. rRevised.

Table G-2.—Number of Employees, Seasonally Adjusted

(In thousands)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959	2,650	2,626	2,719	2,829	2,787	2,799	2,800	2,814	2,776	2,762	2,792	2,800	2,767
1960	2,775	2,781	2,601	2,752	2,783	2,790	r2,858	r2,822	2,789				
	Percent change, 1959 to 1960												
	+4.7	+5.9	-4.3	-2.7	-.1	-.3	r+2.1	r+.3	+.5				

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. rRevised.

Table G-3.–Indexes of Aggregate Weekly Construction Worker Man-Hours

(1947-49 =100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957.....	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958.....	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.2
1959.....	99.7	92.0	103.7	119.0	129.2	138.9	140.1	146.1	136.5	133.7	123.3	118.9	123.4
1960.....	101.6	98.5	94.9	114.3	126.3	135.5	r142.9	r144.2	138.6				
	Percent change, 1959 to 1960												
	+1.9	+7.1	−8.5	−4.0	−2.2	−2.4	r+2.0	r−1.3	+1.5				

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. r Revised.

Chart 5.

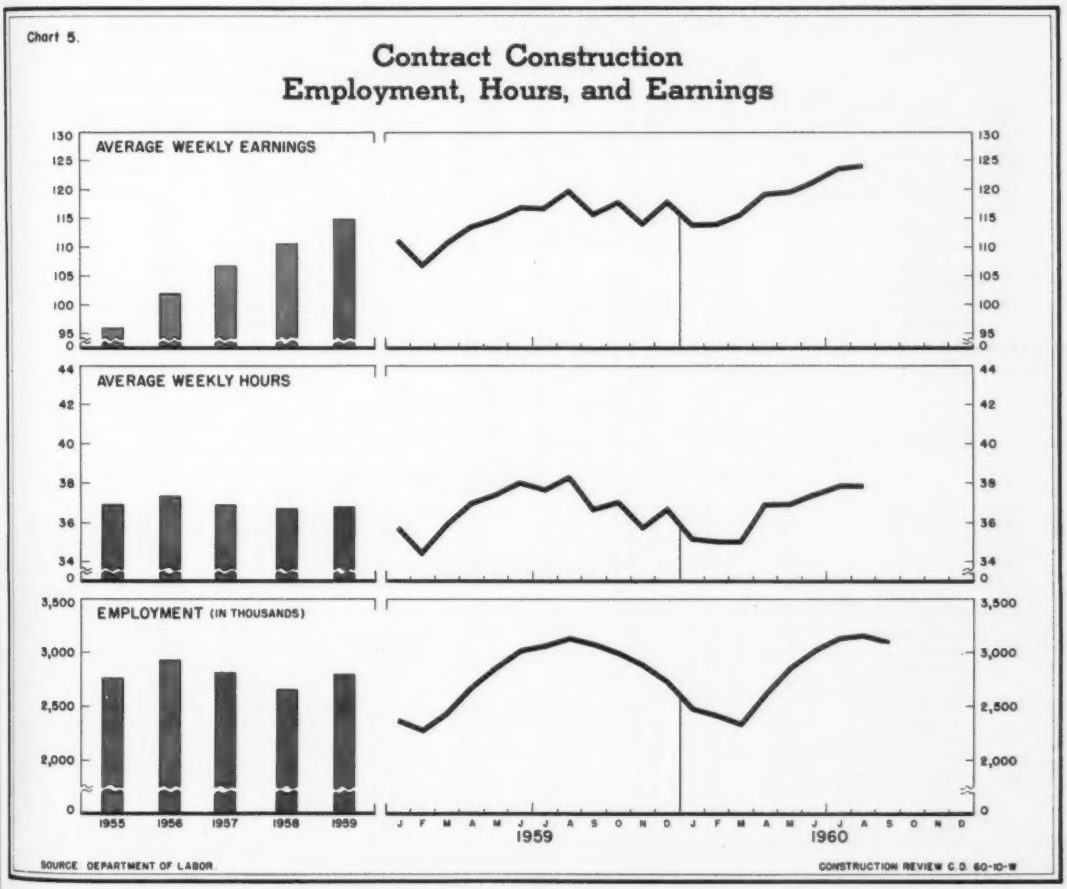

Table G-4.—Hours and Gross Earnings of Construction Workers, by Type of Contractor

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades					All nonbuilding contractors	Highway and street	Other heavy construction
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
	Average weekly earnings										
1955	$95.94	$96.29	$90.22	$100.83	$106.40	$94.38	$116.52	$96.21	$95.11	$91.27	$98.50
1956	101.83	101.92	95.04	107.16	112.31	99.81	125.22	102.39	101.59	97.63	104.94
1957	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
1958	110.47	110.67	102.53	115.28	123.23	107.95	135.97	109.31	109.47	104.14	114.26
1959	114.82	115.28	106.39	120.27	128.56	113.40	142.08	113.80	113.24	108.09	118.40
1959: August	119.88	119.19	110.70	123.98	131.45	117.00	144.71	118.70	121.26	119.71	123.07
September	115.66	116.71	107.87	121.70	126.29	116.47	138.75	117.51	112.58	109.62	116.35
October	117.66	117.72	109.85	122.38	130.79	115.17	144.38	116.49	117.74	113.03	123.01
November	113.88	114.14	103.93	120.04	129.08	113.86	142.51	113.23	110.87	104.80	116.74
December	117.81	119.13	108.78	124.53	133.32	115.87	148.19	118.27	113.47	103.88	120.87
1960: January	113.72	114.87	104.88	119.72	129.83	111.89	146.30	111.54	108.00	96.75	115.50
February	113.75	114.22	104.31	119.71	128.43	110.22	144.77	112.53	111.16	101.01	117.56
March	115.50	115.60	104.83	120.74	130.27	113.91	146.69	112.83	116.91	105.69	124.26
April	119.19	119.19	109.50	124.57	131.98	115.58	147.07	118.99	117.96	112.36	123.51
May	119.56	119.91	110.26	124.93	132.68	116.60	148.23	119.70	118.03	111.90	123.86
June	121.18	121.24	111.13	126.69	134.87	118.62	149.38	121.41	121.06	117.43	125.15
July	r123.61	r123.68	r113.77	r128.83	r135.20	r120.70	r150.93	r124.31	r124.91	122.36	r127.80
August	123.98	123.68	113.88	129.17	135.80	120.35	150.93	124.55	125.76	124.11	127.89
	Average weekly hours										
1955	36.9	36.2	35.8	36.4	38.0	34.7	39.1	35.5	40.3	41.3	39.9
1956	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.4
1957	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
1958	36.7	35.7	35.6	35.8	37.8	34.6	38.3	34.7	40.1	41.0	39.4
1959	36.8	35.8	35.7	35.9	37.7	35.0	38.4	34.8	40.3	41.1	39.6
1959: August	38.3	36.9	36.9	36.9	38.1	36.0	38.9	36.3	43.0	44.5	41.3
September	36.6	35.8	35.6	35.9	36.5	35.4	37.0	35.5	39.5	40.6	38.4
October	37.0	36.0	35.9	36.1	37.8	34.9	38.5	35.3	40.6	41.1	40.2
November	35.7	34.8	34.3	35.1	37.2	34.4	37.8	33.9	38.9	39.4	38.4
December	36.7	36.1	35.9	36.2	38.2	34.9	39.1	35.2	39.4	39.2	39.5
1960: January	35.1	34.6	34.5	34.6	37.2	33.4	38.4	33.0	37.5	37.5	37.5
February	35.0	34.3	34.2	34.4	36.8	32.9	37.8	33.0	38.2	38.7	37.8
March	35.0	34.2	33.6	34.4	36.8	33.8	38.1	32.8	39.1	39.0	39.2
April	36.9	35.9	35.9	35.9	37.6	34.4	38.3	35.1	41.1	42.4	40.1
May	36.9	35.9	35.8	35.9	37.8	34.6	38.5	35.0	40.7	41.6	39.7
June	37.4	36.3	36.2	36.3	38.1	35.2	38.7	35.5	41.6	42.7	40.5
July	r37.8	36.7	r36.7	r36.6	r38.3	35.5	r38.7	r35.9	r42.2	43.7	40.7
August	37.8	36.7	36.5	36.8	38.3	35.5	38.9	36.1	42.2	43.7	40.6
	Average hourly earnings										
1955	$2.60	$2.66	$2.52	$2.77	$2.80	$2.72	$2.98	$2.71	$2.36	$2.21	$2.50
1956	2.73	2.80	2.64	2.92	2.94	2.86	3.17	2.86	2.49	2.33	2.63
1957	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
1958	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.73	2.54	2.90
1959	3.12	3.22	2.98	3.35	3.41	3.24	3.70	3.27	2.81	2.63	2.99
1959: August	3.13	3.23	3.00	3.36	3.45	3.25	3.72	3.27	2.82	2.69	2.98
September	3.16	3.26	3.03	3.39	3.46	3.29	3.75	3.31	2.85	2.70	3.03
October	3.18	3.27	3.06	3.39	3.46	3.30	3.75	3.30	2.90	2.75	3.06
November	3.19	3.28	3.03	3.42	3.47	3.31	3.77	3.34	2.85	2.66	3.04
December	3.21	3.30	3.03	3.44	3.49	3.32	3.79	3.36	2.88	2.65	3.06
1960: January	3.24	3.32	3.04	3.46	3.49	3.35	3.81	3.38	2.88	2.58	3.08
February	3.25	3.33	3.05	3.48	3.49	3.35	3.83	3.41	2.91	2.61	3.11
March	3.30	3.38	3.12	3.51	3.54	3.37	3.85	3.44	2.99	2.71	3.17
April	3.23	3.32	3.05	3.47	3.51	3.36	3.84	3.39	2.87	2.65	3.08
May	3.24	3.34	3.08	3.48	3.51	3.37	3.85	3.42	2.90	2.69	3.12
June	3.24	3.34	3.07	3.49	3.54	3.37	3.86	3.42	2.91	2.75	3.09
July	3.27	r3.37	r3.10	r3.52	r3.53	r3.40	r3.90	r3.46	2.96	2.80	3.14
August	3.28	3.37	3.12	3.51	3.53	3.39	3.88	3.45	2.98	2.84	3.15
	Percent change, August 1959-60										
Avg. weekly earnings	+3.4	+3.8	+2.9	+4.2	+2.9	+2.9	+4.3	+4.9	+3.7	+3.7	+3.9
Avg. weekly hours	−1.3	−.5	−1.1	−.3	+.5	−1.4	0	−.6	−1.9	−1.8	−1.7
Avg. hourly earnings	+4.8	+4.3	+4.0	+4.5	+2.3	+4.3	+4.3	+5.5	+5.7	+5.6	+5.7

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included.

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